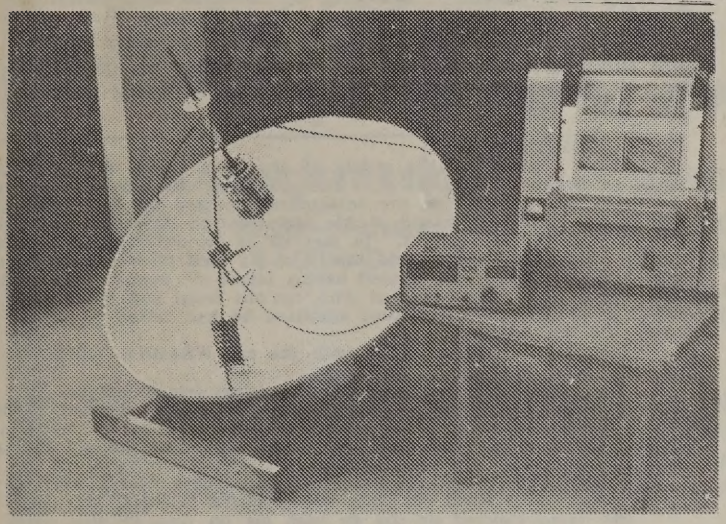
COMING EVENTS
Belle Glade Hamfest, Dec. 9th.
1980
Orlando Hamcation, Jan. 4, 5 & 6th.
Sarasota Hamfest, Jan. 19 & 20th.
Miami Hamboree, Jan. 26 & 27th
Pinellas Park, Hamfest, Feb. 17th. (*)
Treasure Coast Hamfest, Mar. 15 & 16th.
Ft. Walton Bch Swapfest, Mar. 22 & 23rd.
National QCWA Convention, Orlando No. 1-2
National ARRL Convention, Orlando May, 1981.
*Okeechobee Steakfest, Feb. 9-10, 1980.

[redacted]

florida SKIP

NON-PROFIT CORPORATION

VOL. 23 NO. 7 THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION December / 1979 Price 45c



Jack Ross, K4NTD, Oakland, FL sent this of his 4 ft. dish, showing 2 Lb. coffee can fed wit low noise amp attached, mixer attached to rod and lo band below mixer. 138 MHz receiver & FAX machine to right. Jack sent us 3 excellent pictures from GOES-East on 1691 MHz 23,000 miles above the equator. Get more info from him: Box 167 -ZIP 32760.

NOTICE.. This month is heavy on ads and we were forced to leave out some Club News. Sorry. As you all know, we are fighting to keep subscription rates low and with our advertisers (bless them) we can. -- Our shipment of 1980 multi-colored 3 ½ X 5"calendars are in. For your free one, send self addressed stamped (15 cents) envelope to Box 501, Miami Springs, FL 33166. HAPPY HOLIDAYS from SKIP.

AMSAT PHASE III

By Walt Dixon, WRDWN
AMSAT Rep.

Much is being written about the "new era" that the upcoming Amsat Phase III spacecraft will bring to our hobby. One of the new concepts is channalization of a small portion of the receive (downlink) frequencies for specified uses.

The 180kHz wide downlink passband will be partitioned into three major usage bands. These in turn will be further divided into sub-bands by emission type. The three major bands will be: a general communications band; a channalized special services band, and a Beacon-guard channel band.

The second major band within the 2 meter downlink will be allocated to channalized special services. This is a new direction for Amateur satellites. Six special service channels will be used during the initial orbits of the spacecraft. More will be added, if needed, later. These channels will be located adjacent to the Beacon-guard channels at both ends of the bandpass. There will be a data exchange network channel. A NTS (National Traffic System) formal CW record traffic Net, and/or its international equivalent. A code practice, cw/RTTY bulletin channel. An educational channel for demonstration purposes, and a general bulletin channel (Voice). All channels will be 4kHz wide.

Use of the channels will be controlled by a special services channel coordinator. Permission for a time frame to use a specific channel will be manditory, due to the expected heavy use of the facilities.

You can learn more about this interesting development at the upcoming Tropical Hamboree January 26th-27th. Dr. Perry Klein W3PK, President of Amsat will speak on "Amsat and the Phase III Satellite".

KNIGHTS OF THE KILOCYCLE CELEBRATE GOLDEN ANNIVERSARY

Less than thirty-five years after Marconi began sending wireless signals, and six years after the first broadcast network began operation, a group of amateur radio operators in Florida organized a net which they dubbed the KNIGHTS OF THE KILOCYCLE.

Just as Maid Marian invaded King Arthur's Knights of the Round Table, so have several YLS joined the fellowship of Amateur Radio's oldest continuing network . . . so now you hear the group addressed regularly as "Knights and Ladies of the Kilycycle".

The original organizers of the Knights fifty years ago on Christmas day, December 25, 1929, were, W4BN, Fred Frick, W4DU, Orville Cheatham, W4WS, Pat Patterson, W4ACz (now W4JQ), Tony Litschauer, and W4AXY Doc H.H. Murphy, better known as Doc Waxy.

The net has continued to meet regularly each Sunday morning at 7:30 EST or EDST on 3910 Kcs (that's right) except durnig WWII, and now they are celebrating their Golden Anniversary in 1979.

The present officers are: K4SDW, Paul Marlow, Master Oscillator; K4HDG, George Rutledge, Buffer-Doubler; W4JZV, Forrest Breckenridge, Speech-Amplifier, (K4HDG and W4JZV were both born in Selma, Ala.), W4BCZ, Phil McMasters, Treasurer and W4DVR, Mack Britton, Chaplain (25 years).

About 30 years ago the Knights started issueing membership certificates with No. 1 to W4HGO, Ralpah. To date well over 400 have been issued. About 35 members call in most every Sunday morning for a couple of "go-rounds", presided over by K4SDW, net control. Paul Marlowe, earlier in the year designed a beautiful (gorgeous) red, white and blue certificate emblazoned with two large golden microphones. Imprinted above the net name are the words "Golden Mike Society" signifying the Golden Anniversary. Non-members calling in on 5 consecutive Sundays in 1979 will receive one of the certifictes. Members are required to check in at least 10 times during the year to receive one. Any operator licensed for 3910 is invited to call in for a visit anytime.

"Breck", W4JZV,
Speech Amplifier

FLORIDA SKIP, INC.
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MIAMI SPRINGS, FLORIDA 33166

Enclosed is $4.00 for 1 year, $7.00 or 2 years, membership to Florida Skip.

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Any item in FLORIDA SKIP may be reprinted in any other amateur radio publication in the world with a credit line please.

OM - nominate your XYL for our Skip DEAR MABLE AWARD. A most unusual award. Designed just for your XYL. $1.00 to members only. Give her full name, your call and mailing ddress.....Editor.

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Ploof Reeders

EX CALLS

Here is another list of EX CALLS. Have you sent in yours yet? ? ?

WA4ONV	ex	WA4FLP, WN4FLP, KZ5JP
K4RHC	ex	W1JTJ
N4LR	ex	W8RCK, W2RCK, K2JT
N4AYG	ex	WD4GDM
KB4LF	ex	WA4QWK
WB2OUK	ex	WB7ONW
KB4XE	ex	WD4ONM
W4NHQ	ex	K1QQX
KB4WL	ex	WA4WBF
KR4U	ex	W4GUU
W2CNQ	ex	W4DBA, K9UQX
KM4G	ex	WA4JPV
KB4WX	ex	WA4HHM
N4CNP	ex	KA4EQF
N4GW	ex	W4SJM
KB4XE	ex	WD4ONM

SILENT KEYS

We are deeply sorry to report the passing of the following Florida Amateur Radio operators:

ex-W4DOM	Edith White Fergus, Kissimmee
W4QDD	George Bitterman, Miami
N4RD	Robert Davis, Englewood
WA4TRR	Henry Meyer, Hollywood (Ex W2BGP.)
K4EGD	Philip H. Faulstick, Margate
W4UJ	Paul Beadey, Jacksonville
WD4AHA	James Rusk, Hialeah
WA4VAY	Leslie S. Scott, Largo
WA4LQE	Carl Stowe, Winter Haven
WA4DOP	Theodore A. Stevens, Vero Beach
K4JBO	Paul R. McGuigan, Lighthouse Point
W4KMP	Morris S. Krathen, Hallandale
K4EPK	Henry A. Siemen, Vero Beach
W4OVJ	James G. Niles, Clearwater

DX ON CB BAND ? ? ?

While working on a 3 to 30 MHz homebrew receiving antenna tuner, Ye Ed happened to tune up to 27-28 MHz band. Needless to say I was extremely surprised to hear hundreds and hundreds of AM, SSB and even CW, yes CW signals on that band. All the way up to and somes cases inside our 28 MHz amateur band. - - SSB had the upper hand. No call signs, just talk. On CW however, I did copy some bootleg call signs, such as LIG26 working MMP. They were using standard Amateur procedure and prosigns. Speed was around 8 to 10 w.p.m. Beam heading showed both stations to be north & north west of Miami Springs.

On SSB, a Chicago CBer was working Germany. To my surprise the Chicago CBer started to talk in German. I did manage to get a P.O. Box out of it. The South Americans were also rolling in like gang busters.

Gee, I wondered, what the FCC monitoring stations throughout the United States and elsewhere were thinking (or doing) during this Sunday morning, Nov. 11th. I am sure they just tuned on by and shook their heads. There was NO WAY possible they could even make a dent in that mess.

The thing that ticked me off the most was when I tuned into the 10 meter c.w. band and heard all the s-9 plus CB SSB signals — creeping up towards 28.1 MHz. Where will they stop ? ? And who will do it ? ?

Next Saturday or Sunday, take out an hour or so and tune up that way and see exactly what we mean. On second thought, maybe you'd better not, it might make you sick. - AC

Editor FLORIDA SKIP:

When I submitted the article on the Soap Opera of Mr. Sunny Irons, published in Sept. SKIP, I had very carefully checked out the important facts concerning the antagonisms created by Mr. Irons among various Caribbean Island people important to Amateur Radio! ! But Mr. George Hunt didn't. In fact all he knows about these matmers is what Sunny Irons told him. In my first phone conversation with him, Mr. Hunt even denied having talked to Sunny Irons. But there are at least two witnesses who can put Irons and Hunt together at breakfast. Later Hunt admitted he had talked to Irons once. I'll bet once.

Mr. Hunt signed his letter with the call WB4GNG, which expired 27 July 1978.

The legal Office of the Turks and caicos Islands advises by letter (which I have) that Mr. Irons was notified that his call VP5SI license WAS revolked on May 16, 1979. The only license revolked in the history of these islands! Mr. Irons apparently ignored that as he certainly was on the air May 27th.

The Chief of Police of the Turks and Caicos Islands advises by letter (which I hold) the drug bust occured Monday, May 21st.

Mr. Irons claimed on the air with me on Aug. 29 that he left a month after the drug bust. Mr. Hunt claimed "several weeks" in fact Irons left on Sunday May 27th, six days after the drug bust. This was when W3OBM/4 told Irons cryptically on the air "It's time to leave!"

I intended to drop the matter after my letter published in Sept. SKIP. However, Mr. Irons challenged me on the air and Mr. Hunt by his letter.

Now I will continue to research and document these affairs. I have had for some time a great deal more information and documentation than I choose to release at this time. But I do thank Mr. Hunt for one thing. Not until his letter did we all know of Mr. Irons expulsion from the Turks and Caicos Islands for matters not involving Amateur Radio.

The Chief of Police of Turks and Caicos advises by letter that Mr. Irons left without clearing customs and immigration. In a conversation he also advises regardless of what Mr. Irons and Mr. Hunt say, that this departure was illegal and that Mr. Irons is subject to arrest and fine.

Conditions for developers in Turks and Caicos were well known when Mr. Irons went there and haven't changed.

Mr. Irons can be contacted daily on 7268 on the Water Ways Net using his wife's call KA4HSZ. He himself is just a Novice KA4LEG'

73, Ham Robinson, W4ZR, VP5AA
HH5HR. Miami, FL.

(Editors note: All signed articles published in this paper represent solely the individual opionions of the writer and not those of Florida Skip!)

Editor:

Am sending a SASE and would appreciate receiving a Form 610 for requesting renewal of my amateur radio station and operators license W4BIH. Thank you for sending this if you still have a supply on hand.

Enjoy reading SKIP each month and I intend to have this fine magazine sent to me as long as I am a Ham. 73, Fritz Knight W4BIH
Lakeland, FL

(Editors note: 610 on way. Still have good supply. When does YOUR license expire? Look at it now and see. If you need a form send me a No. 10 envelope with your mailing address and a 15 cent stamp afixed to it. A 610 will be sent pronto!! - AC)

southeastern division convention

& 20th Annual

Tropical Hamboree

JANUARY 26-27, 1980

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QCWA-SOWP-OOTC luncheon . . . will be held at Mansene's Restaurant, 291 N.W. 37th Ave., on Sat., 11:30 A.M. $6.50 per person, includes tax and gratuity. Choice of 3 entrees: Veal Parmegiana, London Broil, Stuffed Chicken Breast. Program and guest speaker follow luncheon. Tickets may be ordered through Dade Radio Club. Deadline: January 16, 1980. Please indicate choice of entree when ordering tickets.

DX forum & dinner . . . will be held at Ramada Inn-Airport on Saturday. Technical topics, manufacturers' new products, great DXpeditions, DX Advisory Committee Report, CW Skill Contest, awards, station slide show (send 35mm slides of your station, returnable). Registration: 3:00 P.M. Ramada Inn-Airport 3941 N.W. 22nd St. Program starts at 4:00 P.M. Cocktail hour, cash bar: 6:00 P.M. Dinner and special program 7:00 P.M. Three choices of entrees: Roast Top Sirloin, Chicken Cordon Bleau, Red Snapper. Forum and Dinner combination $18.50. XYL/YL $15.00. Register early, limited seating. Make check payable to South Florida DX Association (indicate entree choice for dinner) and send to P.O. Box 4545, Margate, FL 33063.

Convention / Hamboree activities . . . Technical Forums, ARRL Forum, WARC Details, DX Activities, Communications Department Forum, Organizational Meetings & Exhibits. ARRL speakers list headed by: Harry Dannals W2HD, Larry Price W4RA, Bob Halprin K1XA, and Doug DeMaw W1FB.

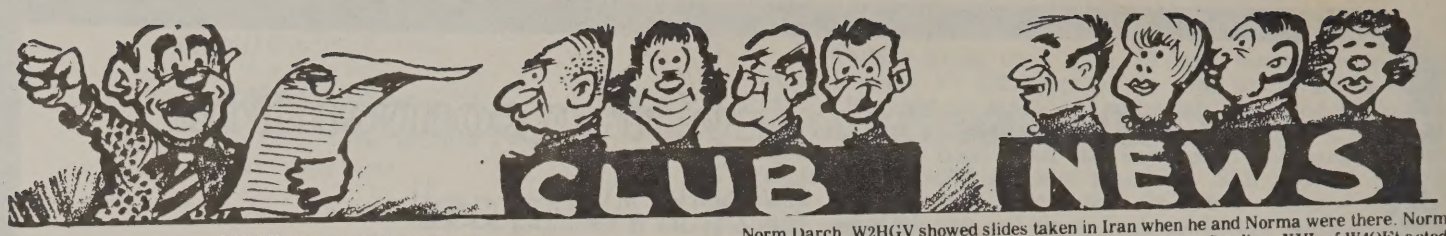
Major manufacturers will . . . have the latest equipment on display.

Eye-popping awards list . . . a Hamboree tradition.

Special hotel rates . . . at the headquarters hotel, Ramada Inn-Airport, $37.00 single, $42.00 double. Request special reservation card from Committee. No deposit required if arrival is before 6:00 P.M.

Detailed convention brochure . . . will be available in December. If you are not on our mailing list and wish to receive same . . . let us know.

Dade Radio Club, P.O. Box 350045, Riverside Station, Miami, FL 33135



KNIGHTS OF THE KILOCYCLE
(The Golden Mike Society)
By Philip A. McMasters, W4BCZ/AFFWP

Two of our knights, W4TZ Creed, in hospital with 2 meter HT heard working knights on the way to work via the 13/73 repeater; W4KMN, John has been suffering with his diabetes recently but seems to have the sugar under control now. The roll call is getting longer again, both oldtimers coming back and new welcome candidates for membership after a few more checkins.

W4JZV, Breck, has returned from a trip to Columbia SA. We won't accuse of trying to change his faith to plant a new weed crop yet. Hi.

W4SVB, Charles and YF have returned to Lakeland via Key West and Tampa form a cruise that included South America and too much food.

WB4FJY, Herman and YF Carmen missed the last session of the net for October as they made a trip to Nashville to attend the Grand Old Opera.

WB4GRU, Ralph a new candidate in Zephyrhills will bring the members to two in that Pasco city, K4GU becoming a silent key will be replaced, we hope, with another regular callin.

K4SDW, Paul has his SWAN and Linear back operating again. The hot water rig did an exceptional job in an emergency recently when the Master Oscillator had to use it to run the net. W4DDW, Frank is about to change with phonetics from "dog-dog and wabit" to "don't drink water" as the rain has stopped again at Kissimee and the water bills are breaking him . . . ain't funny to Frank . . .

STATE QCWA NEWS
Edited By Eli Nannis, K4JMH

The dues increase for QCWA will not go into effect until January 1, 1980, however, members may renew at this time and until Dec. 31, 1979 at the old rate of $14 for 3 years. Don't get caught holding the bag, renew now. If you have supplied a prospective member with an application, advise them to join now and save $5.00. Senator Barry Goldwater, K7UGA and Past-President of QCWA has agreed to serve on the scholarship committee. We wish to announce the formation and chartering of the Tidewater Virginia Chapter of QCWA (119) on September 22, 1979. Our organization is continually growing and that is great. The Board of Directors held it's first telephone conference in connection with emergency action regarding membership renewals. More information on this item later. How about checking into the Florida Stateside net which operates every Sunday at 12:30 p.m. on 7247KHZ. Work is now being completed on the alpha by name supplemental directory. It will be in the same format as a regular issue of QCWA news and to be used in connection with the green directory. The QCWA Fall news is in the hands of printer and is full of information. This column is for QCWA members, what they are doing, what their chapters are doing. However, I do not get reports from many of the chapters. I would suggest that all QCWA members see to it that their chapters start reporting to me otherwise this column could go down the drain. How about it? My address 14996 Imperial Point Dr. N. Largo, Fla. 33540. Only 3 chapters reported in for this issue.

GATOR CHAPTER: We had a fine turnout at our official meeting on Oct. 6th however we will be able to seat everyone at the Sweden House in Clearwater. Our guests were K4HRQ, WA4ASF, WB4WDS, W4BCV and WB8JRR. Reverent George Cave, W4KDX gave the invocation and he also advise that he is a grandfather. It was quite a jovial meeting with jokes and puns flying in every direction. Some long standing wedding anniversarys of our members were announced, the Wahlstroms, K4UY 52 years, the Lewises, K4PG 56 years, the Grays, N4SG, 48 years, the Sykes, W1PP, 49 years, another couple whose name I missed and still trying to get, 50 years which makes a total of 255 years of blissful married life.

Another one of our members is a silent key, Bill Soehl, W4GHR. Bill used to send me the report on the Suncoast chapter for the "Florida Skip". Lou Weber, K4HWS was presented with a Golden Anniversary Award for 50 years service as a licensed amateur. Lew Sieck, K4NE was appointed as the Gator representative to the Florida Council of QCWA Chapters. Art Monsees, W4BK our national treasurer reported on the happenings of the executive session at the annual meeting in Chicago.

The Florida Council of QCWA will sponsor the 1980 QCWA convention in Orlando on Nov. 1, 2, 1980. Our chapter will host a sloshpitality room and a luncheon at the Clearwater Convention. Lou Weber, K4HWS is now our new program chairman. We also had to raise our chapter dues to $3.00. Hal Rice, W4FOM received his 56 year star.

Anybody who lives in the Tampa Bay area and is eligible to join QCWA, please contact me for application forms. We have a luncheon meeting the 1st Saturday of each month at the Sweden House in Clearwater at noon and our net operates every Saturday morning at 9:30 a.m. on 3920KHZ. Won't you join us?

Reported by Eli, Nannis, K4JMH

SUNCOAST CHAPTER: Our Secretary is Wally Blakeslee, W4BGR. He was first licensed in 1922. He went to University of Penn. and Temple U. He was a professional musician and played with many well known orchestras. He later became an engineer with an oil company. He has held calls 3BKQ, W3BGR, K3SZV and W4BGR. He has been active in Civil Defense and was a member of the Penn. State Races Board. He has received several public service awards for radio operation during emergencys. He now resides in Sarasota. Our Treasurer is Robert Stiff, K4AMG first licensed in 1936 as W8QDI. He attended Purdue, Princeton and MIT where electronics as a hobby revolved into a profession. He was an officer in WW2 and after the war, he was a field engineer with Raytheon. He is a past president of the Dayton A.R.A. and helped run the first Dayton Hamvention. He moved to Florida 12 years ago and he and his son ran a marine electronics business. He has also held calls W1POA, K4AMG and KV4FO and also holds commercial radio licenses. We believe that we have some very capable officers.

Reported by E.M. Long

CITRUS CHAPTER: We urge everyone to attend the QCWA lucheon at the Orlando Hamfest on Jan. 5, 1980 at noon. Tickets are available from Nat Attwood, W4YSO; P.O. Box 20241, Orlando Fla. We expect to have the first QCWA repeater operating in time for the National convention in Orlando. The frequency is 87/27. We will gladly accept donations from any other chapter or person. It will be an open repeater.

Reported by Ernest Sailor, K4HXP

CENTRAL FLORIDA CHAPTER: The October meeting was held at the Hilton Inn, Lakeland. Don Hunnicutt, W4RQ, a guest from the Everglades chapter gave a report on that chapter. It was voted to increase the meeting donation to 50¢ to defray postage costs. Norm Darch, W2HGV showed slides taken in Iran when he and Norma were there. Norm was lucky to get out of Iran just before the shooting. Alice Streling, XYL of W4OFt acted as secretary during my absence and did a fine job.

Reported by Charles Chapman, W4SVB

SPARC — METRO CLUBS
By Marie Adams, KA4BBB

The SPARC meeting on Dec. 7th will be highlighted by the election of officers for 1980. Nominations are as follows: Pres. K4DRN, Ed; Vice-Pres. WD4COL, John; Sect. N4APZ, Debbie; and Tres. W4VIP, Frank. Board of Directors: W4IRA Herb; W4CF Al; W4NOK Jack, and K4SQ Frank.

Our thoughts and deepest expressions of sympathy are extended to K4DRN, Ed Harney for the recent loss of his XYL, Verna. She will be truly missed by all who knew and lover her.

All amateurs are invited to the annual SPARC Christmas dinner pary on Dec. 8 at 6:30 p.m. at Holiday Inn South. Contact K8PXM, Leo, WA4TJG, Betty or W4VIP, Frank as soon as possible for reservations.

VP9JM, Bill, from Bermuda, has been visiting his son and daughter-in-law in Palm Harbor this past month. WD4COL, John and N4APZ, Debbie are happy about this special house guest. Communications will be offeby SPARC Club repeater team under the direction of K4SCL, Woody for the Tournament of Bands on Dec. 1 at Al Lang Field.

The SPARC Repeater has a nw I.D., K4SCL/RPT, so the WR4ALM will no longer be heard. All are uged to prepare for tone accessing of the SPARC Repeater from 11 p.m. until 6 a.m.

Thanks to K4RHD, Bill, the entire slate of officers, and the executive committee for the fine leadership and guidance they provided for Metro in 1979. Thanks to KA4CDP, Teresa for quenching our thirst and satisfying our sweet-toothies with delightful goodies at our monthly meetings.

Congratulations to the new officers of Metro Club: Pres. WA4TGO, Tracy; WA4WAS, Paul; KA4ELA, Jan; and KA4CYA, Dottie. We expect to accmplish a great deal under their leadership in 1980.

Metro members are uged to help provide communications for the Pinellas Park Christmas Festival and Parade on Dec. 8 at 10 a.m. WA4FYR, Paul will act as coordinator for this event assisted by WA4CZW, George, WD4KEZ, David, and WA4TGQ.

K4OS, Bill will offer adbanced and extra classes to be held at Hubert Rutland Hospital. The date will be announced laster. WB4WSW, Sandy is scheduling CPR courses to begin in Jan.

WD4MDX, Own and Millie are home again from a nice vacation in New England. VE1ESP Earl was glad to get back to Florida. We miss all our snow bird friends and are glad when they migrate back to the Bay Area.

Metro has a new trustee, W4APV, Jim, and the repeater is sporting a new I.D., W4APV/RPT — MRA. We congratulate you Jim and offer all our support and good wishes.

Keep listening for the Nit-Wit Net ususally scheduled when you least expect it, or when you could surely do without it. This is a select gather of some of our most "intelligent" members who suffer from insomnia, dyspepsia, or delusions of grandeur — one or all of the above — in no particular order but in certain degrees of severity. The Nit-Wits meet on Metro repeater for he purpose of having fun, telling riddles, tall-tales or trying to solve logic problems. You-all come.

Hope Santa puts new radios in all the stockings and that all hve good health and happiness this Christmas Season. 161.

NORTHERN FLORIDA NEWS
By Frank M. Butler, Jr., W4RH

W4IRA acting as NM of AFPN while WA4NBE reparis hurricane damage. WD4PJS, Crystal River, appointed Ec of Citrus County. WD4HIF new OBS daytime NTS phone nets. Pensacola hams got front page publicity in local paper for work during Hurricane Frederic.

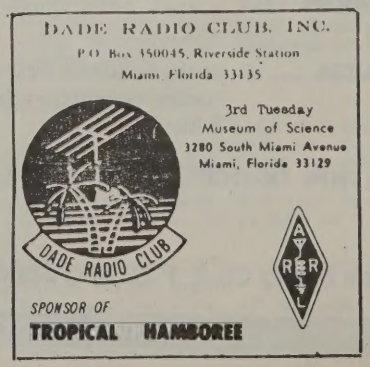
The WA4KST/R 220 MHz repeater now covers a 50-mile radius. There is a new open repeater in Fort Walton Beach; W4MTD/R on 28/88.

New Panama City ARC officers: President, KM40; Vice President, KE4N; Secreatry, N4CDY; Treasurer, KL7JGI. They were installed at the annual dinner; W4OMC did a fine job as MC. KO4Z was formerly KB4KS. K4OHR visiting in Tallhassee for the winter. KA4ELI reports reactivation of the radio club at N. Fla. Christian School. AA4US and WA4ROE held 200 WPM CW QSO, using TRS-80 computers.

NOFARS station W4IZ handled over 1600 messages from Jax Fair. W4JL, N4UF, WA4EYU and others helped relay them. KB4B had charge of the ham booth. WB4RIS won NOFARS message contest.

WD4BII appointed Asst. EC/liaison with emergency services. New officers of Jax RANGE: President, WB4GDJ; Vice President, N4BFX; Secretary, WD4PVC; Treasurer, WB4YTJ.

KJ4N is new Editor of **Squelch Tale**. WD4ETG wrapped up 5 Bands WAS. W4JU became a **Silent Key** last month. W4MGO named to ARRL PR Advisory Committee. Hernando County ARA has a new local net - 145.5 MHz Weds. at 7 p.m. NCS is WB4EXA.



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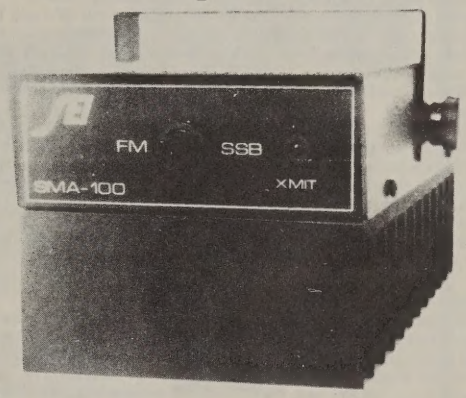

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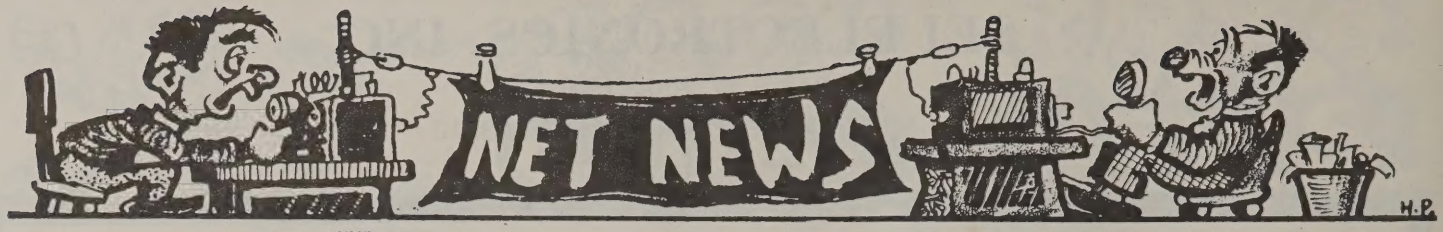

QFNS
By Dick Hill, WA4PFK

QNI and QTC both up again this month! You QFNS traffic handlers doing a fine job and its particularly appreciated when you step forward and fill in for any missed assignments — and I need some help with Sunday and Wednesday NCS slots as well as Tuesday QFN rep spot while those stations QRT. Let me know if you can help in any of those slots.

Good to hear Barry, WD4DNC, Clarence, K4SSO and George, W4WZR back on QFNS and welcome to the many new stations which include N4BEY, KA4CFH, KA4DYU, KB4OA, WB4POL and WA4SFQ.

Marv, KM4G is sounding great with his new Ten Tec Century 21 and has checked into several phone nets on CW — keep up the good work, Marv.

Phil, KA4FZI burned out a resistor in an after net QSO one Thursday evening — back on Saturday night for QFN rep spot, though — she doesn't miss many sessions!

Sort of difficult to keep track of where Walt, WB4LPV might be — he really moves around — Hi. Right now his QTH is Key West if you have traffic for there.

Whitey and Ernie, WA4LGR and WA4LGT, are enjoying their new Triton 540. It's really stable, Ernie — no more chasing you down the band — Hi.

Individual station activity continues to be very good. High QNI's this month included KM4G 29, WA4PFK 28, WD4HIF 24, KA4FZI 23, N4AJC 22, KA4DGH 21 and WB4LPV 20.

Had eyeball QSO with Andy, W4IYT, Marv, KM4G, Doug, W4MEE and Carl, KANFK at Broward Hamfest — Doug checked into QFNS couple of years ago — don't think I've ever heard you there, Andy.

When you read this Thanksgiving traffic will be behind us — as a warmup for Christmas rush! This is a good time to solicit Christmas originations — and keep them short!

CU QFNS 3715 KHZ O100Z.

S.W.F.T. NET
By Geo Dissette, WA4HXU

The SWFT Net is alive and doing well!

Bill and Phyllis West, KA4GDV and KA4FZI respectively have recently upgraded their Novice licenses to General license. This mother/son team secured some new two meter gear since updating, and are now quite active in the SWFT Net. They are also very active in the All Florida CW Net, Bill being n.c. on Monday eve. at 8:00 p.m. local time and Phyllis is n.c. on Fri. eve. SWFT extends congratulations and a hearty welcome to these two.

On Sat., Oct. 6, SWFT Net cooperated with the Lee Co. ARES Net in a Simulated Emergency Traffic (SET) exercise with the following results: Hours of Operation — 13:00 to 17:13 Z, with hourly checkins called for on the hour; Messages handled — 41; 29 different stations cooperated in the local exercise. There was one net control with 5 Liaison stations covering the various county services and facets of local government. During the hour of simulated electric power. Over-all results of the Exercises were gratifying, but we did note where improvements could be made. We do feel better prepared in case of REAL emergency should strike our locality.

Blaine Caudill, WA4EIC, was recently featured in the local Ft. Myers News Press in a story of his work and experience as a blind amateur radio operator. We deeply appreciate Blaine's work and participation in Amateur Radio. He could be called the "Grand-daddy" of the SWFT Net, for it was through his inspiration and help of Bob Owens, WB4KYE, that the SWFT Net was started in 1978. Both men are continuing to support the net with their participation and suggestions for Net improvement. Gentlemen, we salute you!

On Oct. 22, W4MPV, W4YCL and WA4HXU set up a Message Center at the Senior Friendship Center in N. Ft. Myers and in 3-1/2 hours of Oct. 23 and 22, they handled 22 pieces of traffic from local citizens. Such interest was shown that there is possibility of a Novice Class at the Friendship Center in the near future. This class will be taught by Cash Luzny, W4MPV. The Message Center has not settled down to a fixed schedule as yet, but will likely be held during the 9:30-4:00 hours on each Tuesday until further notice.

Ed Peters, W4PKP, recently erected a tower with a big DX low band quad, topped off by a new 2 m. beam. He has no trouble breaking the 28/88 local CD repeater, and is looking forward to many and varied DX QSO's.

FLORIDA MIDDAY TRAFFIC NET
By Billy Williams, N4UF
Senior Assistant Manager

The new Florida Midday Traffic Net certificates are being issued to stations checking in 20 times on a daily basis, or 10 times for Saturday only stations. Each station is asked to keep track of his own activity by noting the call of the NCS and the day of each check in. After the requirement has been met, the station should forward this information by radiogram or mail to FMTN Certificate Officer Lee Denning, W4ESH, of Naples. Lee's QTH is 1807 Snook Dr.; Naples, Fla. 33940. ESH will then verify the information and authorize the certificate which will be issued from Jax. The "wallpaper" will be presented to members at various hamfests or will be mailed if an SASE is received. Please send SASE to FMTN Certificate; 911 Rio St. Johns Dr.; Jacksonville, Fla. 32211. A business size no. 10 envelope with one unit of first-class postage will suffice although a 9 x 12" manila envelope will insure that the certificate will be mailed unfolded and suitable for framing. Two units of postage are required with the large envelope. The certificates were donated by the North Florida Amateur Radio Society of Jax in memory of Leonard Kelley, WA4FJA, who was a long-time member of both FMTN and NOFARS and who fought hard to make FMTN what it is today. NOFARS President Bob Sieg, WD4ETG, designed the certificate with artwork supplied by FMTN Asst. Manager of Special Projects, George Naftzinger, W4PPC, of Miami.

Al, WB4AID, FMTN Manager and XYL, Jane were on vacation most of October and they report having a nice time on their visit north to Illinois and Maryland. FMTN members Bob Watson, W4DTV and Clarence Mericle, W4CZP, obtained critically needed blood for a Miami ham who was ill. Duke Dent, AF4R, has prepared more information on emergency net procedures which is available from FMTN Secretary Herb Roland, W4LSR, for a large SASE. His QTH is 7309 Kaha St.; Orlando, Fla. 32807.

FPTN
By Jim Townsend, KB4OW

Checkins and traffic are picking up again after the summer vacations. October brought our highest QTC for any month (468), with a total QNI to date for the year of 9041, and total QTC for the year of 3400 through October.

Those checking in without a single miss this month were W4FOE, WD4HO, WA4JDH, WB4PIB and K4SJA. Thanks for the dedication! Net Manager, Bill, WB4WYG, would appreciate volunteers for NCS or AFPN liaison.

TOP TWENTY TRAFFICERS
By K4SCL & W4RH

1.	W4IZ	3303	11.	W4NFK	361
2.	W3CUL/4	2989	12.	AA4FG	343
3.	W4MEE	1336	13.	WB4TZR	316
4.	WD4HIF	760	14.	N4WA	315
5.	K4TH	715	15.	WB4WYG	257
6.	W3VR/4	631	16.	N4BZH	254
7.	W4JL	593	17.	WB4FVV	277
8.	K4SCL	414	18.	WA4EYU	237
9.	N4UF	408	19.	WD4KPG	215
10.	WA4PFK	400	20.	WD4HXS	214

TRAFFIC HOUNDS
By K4SCL

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
FMTN	1060	37.9	901	32.2	28	WB4AID
QFN	686	13.5	838	16.4	51	WD4LUG
GN	288	9.0	610	19.6	31	W4MEE
FPTN	1134	36.6	468	15.1	31	WB4WYG
NFPN	1307	42.2	354	11.4	31	WD4PDK
FAST	846	14.8	284	5.0	57	WD4ISN
AFPN	420	13.6	266	8.4	31	W4IRA
TPTN	530	17.1	265	8.5	31	WD4HXS
PEN	145	13.2	148	13.5	11	K4SCL
SWFTN	532	19.7	127	4.7	27	WA4HXU
QFNS	374	12.1	119	3.8	31	WA4PFK
FPON	686	22.1	104	3.4	31	WB4GCK
VEN	525	16.9	62	2.0	31	WA4CRI
DEN	166	27.7	49	8.2	6	WD4JKM
PBTN	419	19.0	46	2.1	22	WB4NJU
SPARC	761	34.6	44	2.0	22	N4AUO
SBEN	167	27.8	40	6.6	6	KB4OW
MEN	210	42.0	15	2.8	5	WB4PIB
SFEN	33	11.0	0	0.0	3	WD4KPG

Things are nearly back to normal from the troubles visited upon us by the hurricane; WA4NBE is still waiting for final settlement with the insurance company. Hope to hear you soon, George. WB4POL has rejoined us with his repaired rig and W4KMN has recovered sufficiently from his phlebitis to resume his NCS duties. (No more rain dances.)

WD4COL, back at school, is not on much and WB4PIB has new work hours that may keep him away.

WB4WYG, WA4FKE and KB4OW are among those drafting a county-wide communications plan and organization to support CD in Brevard County.

MOnth's end brought the clever net control of Miss Evalyn, W4WYR, for the most interesting Halloween net preamble we've ever heard.

Join us on 3940 at 7 a.m.-start your Ham Radio day the FPTN way.

GATOR NET
By Doug Ryan, W4MEE

Gator Net had a very good month thanks to W4JL and the Jax Fair. With only 25 stations checking in we had total traffic of 597 QTC. Total QNI 281 and Total QND 825. Thanks to the competant help of W3CUL, WA4JDH, W4JL, W4NFK, WB4SNX and K4TH to name a few. All good CW men and women tried and true.

Gator Net ranks thinning with the loss of Jake, W4NTE and absence of IJ, WA4SCK, who I hear will be back but don't know when. Last we heard was IJ in the hospital, unknown problem but home again. Any one with info on IJ give us a QNC. We don't like to bother him with fone calls. Total absence of Ham, K4SHJ this month. No outlet for South American traffic for about five days Herman, WB4FJY off for a while. Roster now 25 stations. Art, WB4SNX back from the mountains, maybe he will pick up Friday NCS again. W4MEE went to the Ft. Lauderdale Hamfest and met W4IYT, KM4G, WA4PFK and W4NFK among others.

NFET, Don coming out of the divets with 2 QNI this month. Sure glad to hear you Don. Whee, W4LDM back from a few weeks in Atlanta, another welcome return. W4MEE missed one session this month, he was on HBN getting rid of Fair traffic, the traitor, but we listened. HBN on 7070. Good net. W4MEE has big linear back in action, found bad condensor in power supply, comes in handy sometimes with WA4JDH.

Geo, K4TH took NCS while W4MEE at Hamfest, thanks Geo. NCS this month KF4U 6, W4MEE 16, W4LDM 2, W4DVO 5 and K4TH 2, thanks all. Our biggest day was 63 messages one session.

W3VR will be getting new tower soon and be able to devote more time to Gator Net, by working two positions, with W3CUL, Al also working on his RTTY, hope you take care of the Tampa Fair Al, with that great gear. The Jax Fair got me pooped. Well that's all the HOG wash this month 73 Doug, W4MEE and Eighty dates. W4MEE renewing license after 5 years in Florida. Tempes Fugit.

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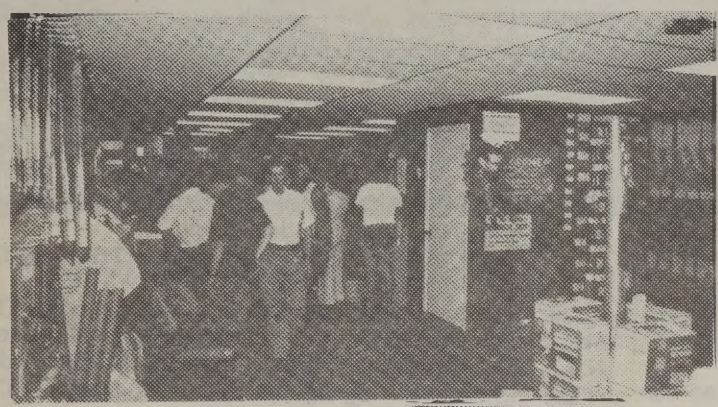

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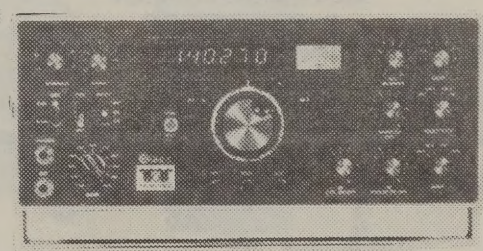

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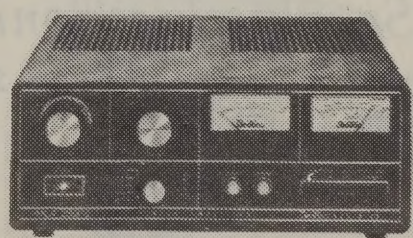

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NAVY MARINE CORPS MARS-SO. FLA.
By Jim Wilson, NNN0WCK/W4GDK

As msot of our members now know, Marion Saunders, QPJ, has been serving wonderfully well as Area Coordinator for South Florida. He has been seriously hampered by a serious illness in his family. With the recent passing of the patient, he is greatly freed. Now he and his wife are planning a trip around Europe in the near future. Hence we needed a new Area Coordinator. With the approval of the Chief and all our gang, the appointment went to Harry Ide, YDO, who becomes GAL. He is a grand, hard working member and well qualified.

Until he gets ready to leave on his trip, QPJ has been serving as Net Manager of our several nets. He will be replaced. Bob, YZK, of Naples is now taking participation reports.

YWE, Bob Barry, is putting out our bulletins in grand style.

We welcome two new members: ZML-T, Phillip J. Chosta, Tarpon Springs, and LBJ, Glenn H. McEachern, St. James City.

Many of us "on this side" were pleased to have a visit from our old friend Bill Kibbe, EXU, from Clearwater.

We are all thrilled to have our new NM repeater in operation 280' up in the air. Our best DX so far is 200 miles and going strong along the East Coast. It is going to help us a lot. Fred, BBS, has prepared it for operation and XPR and YXS put it up. They all deserve a load of credit for their hard work.

Three days a week in the last part of our afternoon net we are getting a training session in CW operation from WYQ, Lakeland. Many are showing great improvement.

If our varied activities such as our Afloat Program and our Island Phone Patch net appeal to you, drop us a line and perhaps you can be in Navy MARS too.

ARMY MARS COLUMN
By Dick, ADN1RE

Redundancy is something that English teachers hate to see and professors of Communications Theory admire. That's because the first group is primarily interested in style, while the second is primarily interested in accuracy and dependability of information transfer.

Redundancy combats error, whether sequential ("I say again.") or parallel (sending the same message over several different channels at the same time).

The availability of redundant channels is what makes a system reliable: if only one man is permitted to carry emergency messages to the police, and he gets shot, the cops never even learn of the murder. Alternate Net Control operators are an example of available redundancy. When it comes to message-traffic, the more redundancy available, the greater the assurance that mesages will be carried and delivered promptly.

All of which explains why praise is due Florida Army MARS this month. Instead of a few stations receiving commendations for carrying large loads of messages, we had a bunch: ADN1RZ, ACM4MSN, AAN4DC, ADN1RG, ADN1TT, and ADN1MHR. It's nice to know that, should an emergency develop, Florida Army MARS could keep communications flowing efficiently and plentifully, even if operations were knocked out in some parts of the State.

Redundancy: the difference between an active **network** and a single, easily-cut communication chain!

NAVY/MARINE CORPS MARS-NORTH FLORIDA
By Jim Robinson, NNN0VYI/WB4RIS

The Jacksonville meeting was very well attended. There were over 20 attending. ART's were discussed. Some of the needs of the N. Fla. area were brought up and I think that will be filled soon.

The meeting was highlighted by a visit from Lt. Coday, the Comms. Officer for NAS Jax. Lt. Coday is new in the area but he is very interested in the MARS program. He assured us that there is a real need for MARS in the emergency plans for Fla. Lt. Coday, also spoke of trying to help fill our needs for special equipment and assistance in the N. Fla. area.

Ken, YDH, took all hands on a field trip to the comms center at NAS Jax while we were on board. Naval Comms. sure have changed in the last few years.

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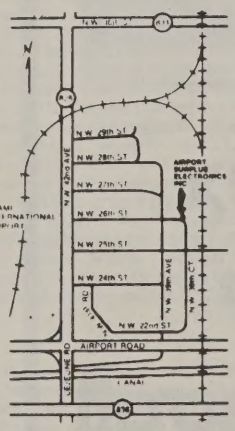

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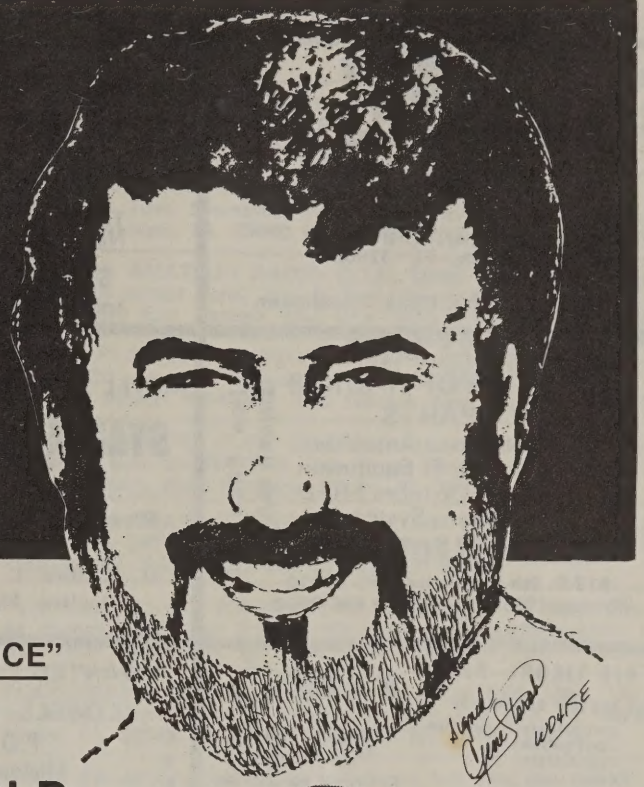

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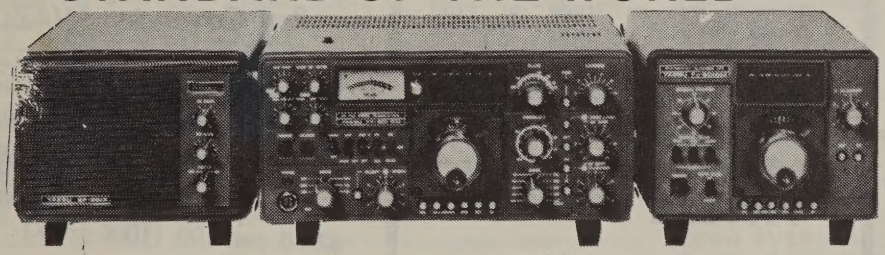

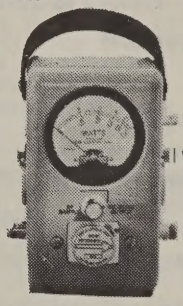

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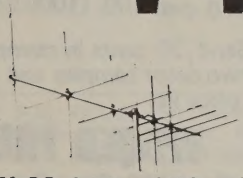

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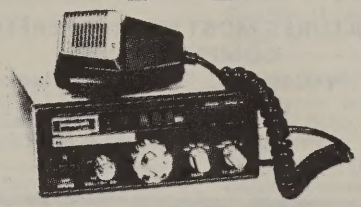

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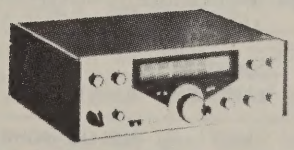

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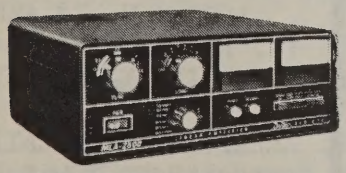

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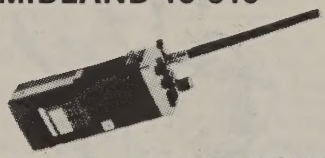

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BRANDON AMATEUR RADIO SOCIETY, WB4BIM meets 3rd Thurs. 730 p.m. at Sunshine Federal S&L. WB4GIM/RPT 147.165/.765, weekly net Mondays 8 p.m. More info on BARS call 677-2852.

BREVARD REPEATER ASSN. Inc. WR4AFI, 28-88, Cocoa. 146.43/ 147.03 Cocoa Beach. Meets 1st Mon. 1930E 1st Nat. Bank, Merritt Isl. SR3 & 520. Mail: 1003 Woodsmere Pkwy, Rockledge, FL 32955.

BROWARD AMATEUR RADIO CLUB, Inc. W4AB, WR4ADU 146. 31/91. 2nd Fri. each month 745 p.m. Griffin Pk, 2901 SW 52 St. Ft. Lauderdale. Mail: Mary L. Crossley WD4KYP Sectry, 2134 Tyler St., Hollywood, FL 33020 Phone 920-3183 or evenings 584-5308.

CENTRAL FLORIDA REPEATER ASSN. Inc. WR4AFO, 146.16/.76. Meets 2nd Wed. 730 p.m., 1st Federal, 2424 Edgewater, Orlando. Mail: 1300 Shady Lane, Orlando 32804. Net 715p.m. Mon thru Thur

CLEARWATER AMATEUR RADIO SOCIETY, WB4BZF. Meet 2nd & 4th Fri. at 730 p.m. Upper Pinellas County Red Cross, 624 Court St., Clearwater, FL Mail: Box 6473, Clearwater, FL 33518

COLLIER COUNTY AMATEUR RADIO CLUB. Meets 730 p.m. 3rd Tues. at Coast Federal Savings & Loan, 2400 N. Tamiami Trail. Mail: 2875 Gulf Shore Blvd., No., Naples, FL 33940.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues. Museum of Science, 8 p.m., 3280 S. Miami Ave., Miami. Mail: P. O. Box 350045, Riverside Station, Miami, FL 33135.

FELLOWSHIP F.M. CLUB, Inc. AF4S/RPT, 147.81/147.21. Meets 3rd Tues. each month, 18301 Bisc. Blvd. (Ist Fed.S&L Bldg. Mail: P. O. Box 680284, Miami, FL 33168. All welcome.

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P.O. Box 157, Clearwater, FL 33517.

FLORIDA REPEATER COUNCIL. Pres. K4BZS, VP WA4KKY, Tres. K4KE Sec. K5FOG, Freq Coordinator, Al Friend W4CF, 631 Lake Meggorie Blvd., St. Petersburg 33705 phone 813-866-2091 before 10p.

FLORIDORA YL'S, W4FE. Pres. Sara Clements WD4EWD, 5401 Ashmeade Rd., Orlando, FL 32810. All Fla. YLs & XYLs invited to join. Net ea. Tues 9 a.m. 3933KHz. (See box ad for details.)

FORT MYERS AMATEUR RADIO CLUB'. Meets 1st Wed. each month 730 p.m., Ist Fed. & Savings 121 Pomdella Rd. SR78A, No. Ft Myers. Mail Cash Luzny W4MPV, 4286 St. Clair Ave. F.M.33903

GOLD COAST FM ASSN. Inc. Box 313, Boca Raton, FL 33432. Emgcy net Thurs. 730p.m. WR4ACV, 146.22/82. Traders Net 8.p.m WB4UFA/RPT. Meets 4th Mon 730p.m. Imperial Pt. Hosp. Med. Ctr. 6401 N. Federal Hwy.,, Ft. Lauderdale, FL. ALL WELCOME! !

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HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ, Meet 4th Wed., 730 p.m. Pan AM Bank Bldg, Sulfur Springs,. Mail: P.O. Box 271003, Tampa, FL 33688 Phone 813-886-2666.

HOLLYWOOD AMATEUR RADIO CLUB. Meet 3rd Mon. 730 p.m. Washington Fed. S&L Bldg. Rm. AB450 N. Park Rd. Hollywood. Mail: Box 6306, Hollywood, FL 33021. WB4TON. Visitors welcome.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Tues. Ist National Bank, Merritt Isl. 730 p.m. Mail: Box 5, Cocoa, FL 32922.

JACKSONVILLE RANGE ASSN. K4YLX/RPT 146.16/76 & 146.28/ 88. Meets Ist Tues. 730 p.m. Rm. 114, Jacksonville Univ. Mail P.O. Box 10623, Jacksonville, FL 32207. Bring a friend! !

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94.Meet 8p.m. 2nd Tues. Sportsman Inn, No. Roosevelt Blvd. Mail: Box 2371, Key West, FL 33040 Phone 296-2723. Most southern RC.

MANATEE AMATEUR RADIO CLUB. Meets 4th Mon. 730 p.m. Ea. Month except June, July & Aug. Bishop Planetarium Call K4-GG memory Earl Dannals. Mail Box 9485, Bradenton, FL 33506.

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730 p.m. Ist Presbyterian Church, Ocean & Monroe St. Jax. Mail: Ed Palagyi WB4QVK, 176 Tallulah Ave., Jacksonville 32208.

OLD OLD TIMERS CLUB (OOTC) Florida chapter. Net meets ea. Sunday 2 p.m. on 7247kHz. Info from: Herb Spitz, WA4UOE, 340 S.W. 64th Way, Pembroke Pines, FL 33023.

ORLANDO AMATEUR RADIO CLUB, Inc. W4PLB. Meets 3rd Wed., Ist Federal, 2424 Edgewater Dr., Orlando 8 p.m. Mail: Box 7367, Orlando, FL 32854 or please call 305-671-5543.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd. Mon. ea. month. Red Cross Bldg., 1150 S. Hickory St. Melbourne: Mail Box 1004, Melbourne, FL 32901. Repeater: WR4AMJ 146.25/85.

PLAYGROUND AMATEUR RADIO CLUB. W4ZBB. Meet 730 p.m. Ist & 3rd Thur. WR4ABZ 146.19/79. Mail: Box 873, Ft. Walton Beach, FL 32548. SWAPFEST Mar. 22-23, 1980. Plan on it.

QCWA CALOOSA CHAPTER. Luncheons last Wed. ea. month 1130 a.m. Twistys Restaurant, Cape Coral. Left at light at W. end Cape Coral bridge. Info: D. Bowman, W4OUU, 5317 Colonade Ct., Cape Coral, FL 33904 Phone 813-542-4656.

QCWA CENTRAL FLORIDA CHAPTER meets 2nd Sat. Noon, Sept. thru May at Hilton Inn, Intersection I-4 & US 95 in Lakeland. Net 10 a.m. 7230. More info: Bob Webb W4NY Pres. 813-858-2431.

QCWA CITRUS CHAPTER: Meet 3rd Sat., Sweden House, Lee Road, Winter Park 11:30 A.M. Ofcrs 79-80: Chrmn G3DKS/W4, C. Street; V. Chrmn, W4NKJ, J. Walcott, Sec/Tres. W4AJX, R. Regsdale, Cor./Sec. W4HXP, E. Sailor. Join us please!

QCWA EVERGLADES CHAPTER. Meet last Sat. Sept. thru April Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale. Info see Skip news or call Roy McCarty W9KA, 305-731-4145.

QCWA GATEWAY CHAPTER. Net Sat. 11 a.m. 7230. NCS W4BRZ. Luncheons 3rd Sat. Uncle Johns Pancake House. Bch Blvd., Jax. Pres. W2KGI, VP K4SP. info: J. Dixon W4JL 39 E 59 St. Jax32208.

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon sweden House, Clearwater, Hwy 60, Gulf-to-Bay. Weekly net Sat 9: 30 a.m. 3920. Eli Nannis K4JMH, 14996 Imperial Pt. Dr. N. Largo, FL 33540.

QCWA PALM BEACH CHAPTER. Luncheon meetings Ist Tue. 1130 a.m. Sweden House, U.S. 1, No Palm Beach. Info: Ed Koeper W4-ZQT, 920 Shore Dr., No. Palm Beach, FL 33408 Phone 622-9570.

QCWA SOUTHEAST CHAPTER. Meet 3rd Sat. of odd numbered months, Noon, Chateau Bleu Inn, 1111 Ponce de Leon, Coral Gables. Visitors welcome. Net, 28950, 730p.m. Thursday.

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Daveys Locker Room of Windjammer Rest. 7100 S. Trail US 41 on Ist Wed of each month Oct. thru May.

QCWA SWANNEE CHAPTER. Net Sat. 3940, 9 a.m. Pres. Edward Gaudet K4BRC, VP J. Ryder K4IHX, Sec/Tres. H. Carpenter K4JTJ, 815 Hemlock St., Inverness, FL 32650 Phone 904-726-7497.

QCWA TREASURE COAST CHAPTER. Chmn I. Roach K4QM, Sec. Tres. G. Russell K4KWV. Lunch 2nd Thurs at Sheraton Regency, No. A1A, Vero Beach. Mail: Box 3088, Vero Beach, FL 32960.

SARASOTA AMATEUR RADIO ASSN., Inc. Meet 3rd Tues. 8p.m. Room A-9 Sarasota Jr. High School. Mail: Box 3182, ZIP 33578.

Skip to page 14

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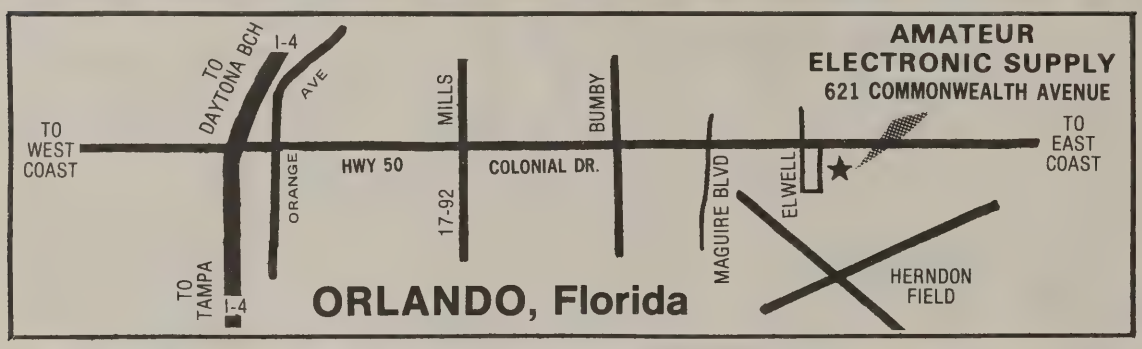

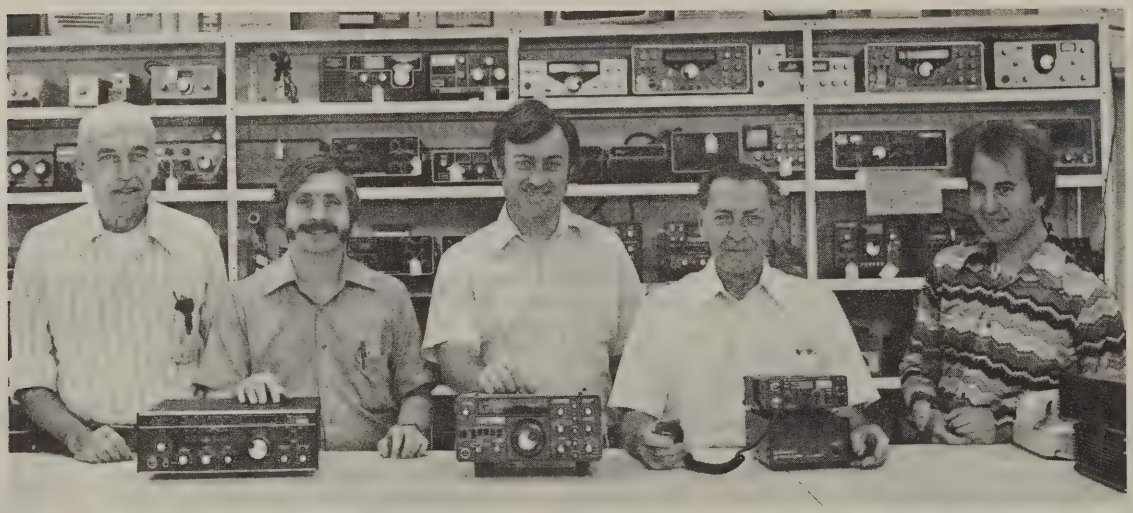

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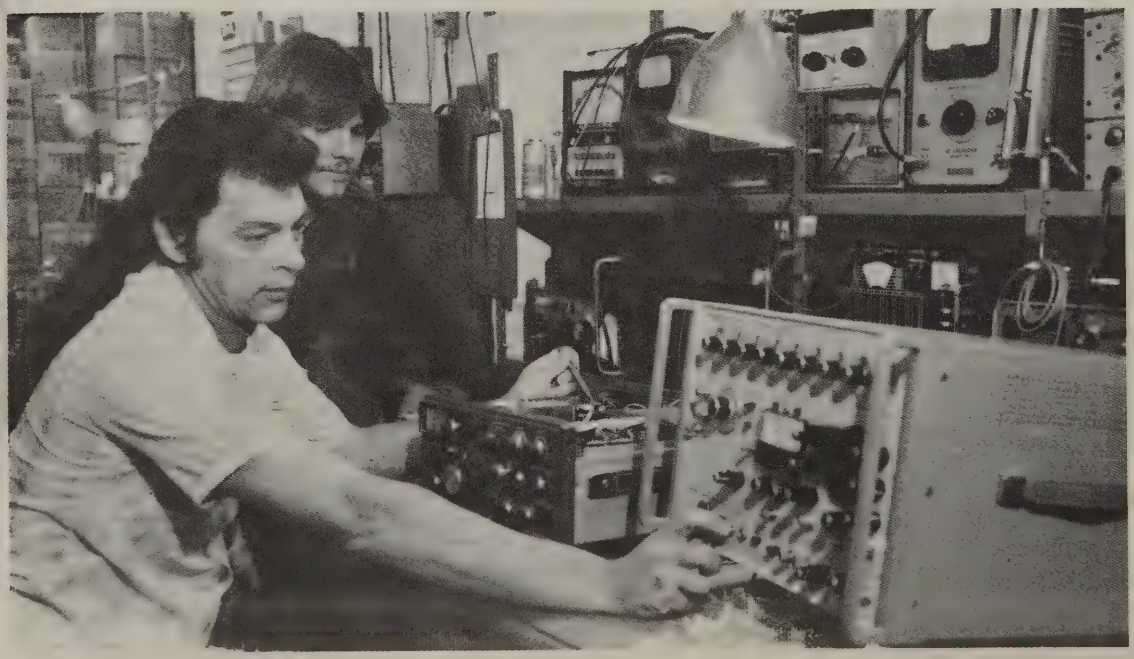

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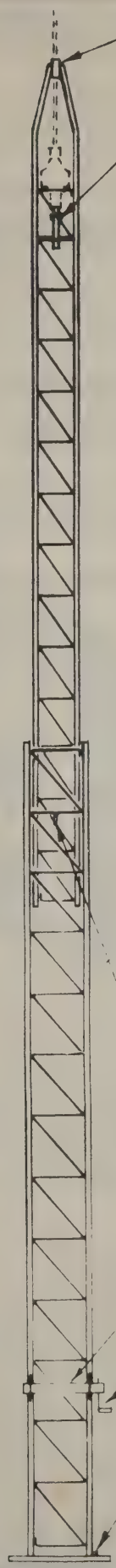

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Standard Rotar Mounting Plate (Ham III) or 1½" post for Light Duty Rotors, TV - CB, etc.

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SOCIETY OF WIRELESS PIONEERS (SOWP) EDISON CHAPTER. Meet Sun. 2 p.m. 7053 kHz. Bill K4TF, CHOP. Info about SWOP: Bill Willmont K4TF, 1630 Venus St., Merritt Isl., FL 32952 or net.

SOUTH FLORIDA FM ASSN. WR4AHU, 146.16/76. WR4AID 146.40/147.00MHz. Box 430025, Miami, FL 33143. Meet 1st Mon Place rotates. Call Judy, WD4PMK 226-9212 (D) or 233-9733 days.

ST PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meet 8 p.m., Ist Fri., Red Cross Hq., 818-4th St., Mail: Box 4026, St. Petersburg, FL 33731. All Welcome. Bring a friend.

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG, meetings 1st & 3 rd Monday 7:30 p.m. Club House, Davis Isle. Columbia & Barbados. Mail to: 2301 Scammell Ct., Apt. 1042, Tampa, FL 33612.

TEN-TEN INTERNATIONAL NET. Central FL Cypress Chapter meets Wed. 8p.m. on 28,665. K4TSY Chapter Head. For Cypress certificate work 5 holders, send log info & $1. to Bob Lucus, K4HTU, RD2, Box 2630, St. Cloud , FL 32769.

LAKE AMATEUR RADIO ASSN. Inc. K4FC meets each Thurs 8 p.m., Clubhouse, Springdale Ave., Bassville Park. Mail: c/o F. Miller Sec'y, Box 882, Leesburg, FL 32748 Phone 787-3873. All Welcome.

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV meets 8 p.m., 3rd Monday monthly, American Red Cross, 341 White St. Daytona Beach, FL. Bring a friend.

AMERICA RADIO CLUB. WD4NLG/R 146.13/73. Bilingual Rptr. Net meets each Tues. 8 PM. Club meets 1st Wed. of month. Emergency 14,280MHz– 7160 MHz. (Back-up Rptr 144.75/145.35) Mail: Box 651004, Miami, FL 33165.

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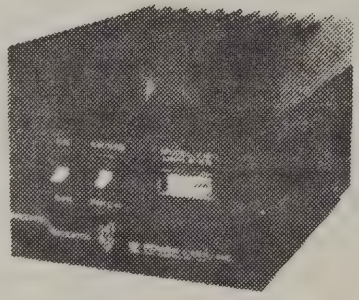

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V71	144 148MHz	1 3W	75 90W	216x330x178mm	11 7kg (26 lbs)	NO	$349 00
V180	144-148MHz	8-15W	170 200W	216x330x178mm	13 5kg (30 lbs)	CW & FM	$539 00
*V350	144 148MHz	10 20W	350 400W	432x330x178mm	20 2kg (45 lbs)	YES	$895
V130B	220 225MHz	10-15W	70-85W	216x330x178mm	11 7kg (26 lbs)	NO	$329 00
V135B	220 225MHz	25 35W	140-160W	216x330x178mm	11 7kg (26 lbs)	CW & FM	$469.00
F110	FAN KIT, 115VAC			135x135x50mm	1kg (2 2 lbs)	–	$ 33.00
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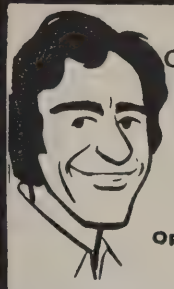

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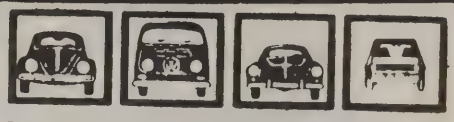

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INDIAN RIVER AMATEUR RADIO CLUB NEWS
By Jim Kneeland, W4MFH

The October 22nd meeting had 34 people in attendance. Carl, AA4MI gave a report on the WARC proceedings. He stated that among the other nearly insurmountable items to be discussed were 13,375 technical proposals and 10,728 frequency allocation proposals. Their work is cut out for them.

Bill, K4KNR the club treasurer read off a list of names of members who were in arrears in their club dues. There were some exclamations of dismay when the names were rattled off, Ye Scribe being one of them! It would appear that some better method must be instituted to inform a member that he is about to become delinquent.

There were two visitors, both of whom were inducted into full membership. They are KB4IM, John and WB4BZW, Bill.

Bill, WB4WYG and Andy, W4PRK were selected as the club members to act as delegates at the local Civil Defense meetings.

An announcement was made that John, WB4HIH is operating RAILROAD MOBILE in Mexico. He can be contacted on 28.8 HMz at 9 a.m. local time. He actually has his mobile home mounted on a rail road flat car and is traveling around the country there when the mood hits him.

BRANDON A.R.S.
By Terri Provost, K4KNX

BARS members and guests will be looking forward to their Annual Installation Banquet and Christmas Dinner to be held December 8th at Sheidlers in Brandon.

Slate of officers nominated for next year that will be voted upon at the November meeting are Gary, WD4DZL for President, Bill, WD4MIT for Vice President, Terri, K4KNX for Secretary and Tony, WD4CNI for Treasurer.

CONGRATULATIONS to Al Bowers, KR4H ex WB4FSZ who has upgraded to Extra Class. I like the new call, Al, easier to remember . . .

Yours truly just got back from a very nice weekend in which OM, N4BZ and I took in the Fort Meyers Hamarama . . . Very reasonable goodies to be picked over and carted home. . . Would like to express sincere appreciation for hospitality of old friends W4PMQ, Sam, John, K1RGQ, Alice, K1VLV in Punta Gorda and Russ, K1DOW and XYL, Kate in Arcadia. . . Made long trip very pleasant indeed. . .

SEASONS GREETINGS TO ALL FROM BARS. . .

THE ORLANDO AMATEUR RADIO CLUB, INC. PRESENTS A GREAT BEGINNING FOR A GREAT NEW YEAR . . . 1980!

ORLANDO HAMCATION '80

AT THE SHERATON TWIN TOWERS HOTEL & CONVENTION CENTER ON S-435
NEAR THE CROSSROADS OF THE FLORIDA TURNPIKE AND I-4 INTERCHANGE

THE NORTH FLORIDA SECTION ARRL CONVENTION

JANUARY 4, 5 & 6, 1980

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At Door, all amateurs $4, Ladies $1, Under 14 free. (Ladies tickets good for prizes at ladies activities only.)

HAMFEST HOURS: FRIDAY 6-10 p.m., SATURDAY 8 a.m. - 4 p.m., SUNDAY 8 a.m. - 3 p.m.

— SAT AM —
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With Carlos V. Roberts
Chief, Private Radio Bureau
of FCC. Guest Speaker

— SAT PM —
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WITH LEAGUE OFFICIALS
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SWAP TABLES PRE-ASSIGNED AND LIMITED TO 4 TABLES EACH PERSON

TABLES $10 ea. FOR ALL 3 DAYS. NO ONE DAY TABLES

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MARS from Page 8.

Al, YTB and xyl Pat, YYF, are now living in the Washington, D.C. area. Good luck in your new home.

Woody, IGW, has been off the air for a few weeks building a new "Shack."

2 meter activity in the Jax area is picking up. There are 5 stations on 148.410 at this time. I understand that there are more on the way.

New members in the area are: NNN0UNS, Cpt. James Boorstin, transferring from Texas to RTC Orlando. Ceil Bell, NNN0YXQ, transferring from Palm Bay, Florida to Tallahassee. Eddie Richardson, NNN0VPB, transferring from Arizona to Orange Park. VPB is Electronics Officer aboard the USS Tattnall. Welcome aboard the N. Fla. area.

AIR FORCE MARS
(State-Wide News)
By Philip A. McMasters, AFF2P/W4BCZ
Region 2 P.A.C./Florida PAC

MARSCAST no. 43 item 328 put a crimp in the plans of some of our Florida affiliates to try RTTY on the VHF frequencies. We are reminded that all MARS frequencies are government controlled and experiments of a hobby nature or ASCII and RTTY are not permitted except on nets for tha mode. RTTY is however getting attention at both 60 and 100 WPM and a training net has been in operation on Monday evenings at 6 p.m. EST on 4580 KHZ. Lamar Hill, AFA2PN/W4BOL has been instructing in voice and illustrating on the RTTY frequency. This is an open training net.

Some NCS have wondered about the fact that some AGA callins did not give their locations as do the affiliate members. The "Bold Eagle" operation, with military operators, not amateurs, were in some cases off frequency, however this was excused as the equipment they were using was not capable of splitting a kilohertz. The frequencies are being monitored of all nets and members are getting more proficient in finding the right one and maintaining it. We will probably continue to have the problem of tuning into an antenna on frequency instead of a dummy antenna. It is not allowed by any FCC or military rule to tune up on a frequency not assigned. The time allowed for tuning at the beginning of a net should be sufficient for any amateur or MARS member. All NCS will appreciate your cooperation either HAM or MARS of any service.

VHF'ERS ROOST
By Frank Shannon, K4GT

THESE NEW "CRAZY" CALL-SIGNS!!. Your Scribe had a recent experience — QSO'd a K9WOOF, "Kelly", an 18 month old Irish Setter, (dawg) licensed on her birthday by SPCA! Yes, fellas, your columnist has been "acquired" by a female dawg! So, if you hear a "foreign" language over 2M FM, K4GT, it's the "2nd Op" at the mike! "Kelly" Shannon is quite a gal! Now, in my 78th year, at long last, following years in the military, there's a "partner". N'nuff Sed!!

RECENT QSO's ON 2M FM. "Sue", WD4PGS, Land O' Lakes, has two dogs, and both are jealous of the man radio! Sue's OM, Jerry, is also licensed, WD4PGT — he works the "late shift" and Sue QSO's him while mobiling home — she stated it was to keep him awake, while driving! They have a "joint" QSL card which is unique — it's different! When you're in the Greater Tampa Bay area give them a "blast" over TBRA repeater, 146,16/76 and swap QSL's!

Heard arriving "Snow Birds", WA1MXT and WA1MCT, in a QSO (late Octo. er) from their locations on Florida's "West Coast". The OM at WA1MXT said his wife was "eaten-up by sand-fleas"! He requested a remedy for such condition from his friend, WA1MCT, who replied that his wife uses "Avon's Skin Soft'ner" — further stated it not only heals — but prevents bites. It's an "ill odor that doesn't do some good"! If a ham Avon-Lady reads this — it's all-in-fun!

HOW TO GET DX ON VHF. Ordinarily this column does not go deeply into technical subjects, such as propagation on 2M FM — however, K4IGO, VERNON PARKS, Pinellas Park area, has "discovered" the really good answer to excellent DX — move into a 21 story building, and, erect your antenna on it's roof! "Verne" and his buddies, W4GQ, "Dave", W4KC, "Bill", K4NB, "Barney", etc. — all QCWA members — can be heard, daily, on 146.55 MHZ "simplex" — why not "break-in" some morning (8:30 a.m. until 9:30 a.m., or so). At least, you DX'ers give K4IGO a "blast" — his antenna is 185 ft. above the ground! As our Britishers would say "By Jove" "What a signa" — "Eh what"! And, no "after-burner", too!

HITHER N' THITHER. Recently QSO'd a visitor from Piedmont area of North Carolina — about 28 miles north of Charlotte, WD4FLR, Robert W. Karriker, Moonsville, N.C. We reminisced USAF experiences, etc. Also, QSO'd two ole' timers, K4FF "Bob" and W4QG, "Tom", Winter Haven, a native Floridian. The main subject of QSO was "Ole Wireless Days in Hamdon". Bob had duty with USAF at Ramey AFB, Puerto Rico — also at CAA (now FAA) in Alaska. Bob admits to 49 years of age, while Tom states that he is now 75 years old — all of QSO was during very late night hour over Tampa's TBRA repeater, 146.16/76 MHZ.

FLORIDA'S CHAMPION EQUIPMENT "UP-GRADER", AND "SWAPPER". AA4WJ, Bill Johnson, Valrico also of SEC fame, believe it — or not — has sold all his ham gear — he states due to his decision to up-grade his bachelors degree to a masters — and for fear his ham activities will detract from his nighttime courses! However, the "little birdie" has informed this column that Bill is looking — to purchase a "hand-held" 2M FM, a FRG-7 generalcoverage receiver. Think we should appoint our Sherlock Holmes, WB4AKA, "Bob" to keep this column informed! HAVE TO QRT NOW — HERE COMES ANDY WITH HIS EDITORS SHEARS! CU NEXT SKIP!

THE SARASOTA AMATEUR RADIO ASSOCIATION
By Howard Millbourn, W4WBC

Activity continues to get more hectic as we prepare for the 1st Annual Sarasota Hamfest. We have committees on top of committes scurrying toward the completion of more assignments than you would ever believe possible. The way things are shaping up its going to be a great affair. If you haven't yet marked it on your calendar do it NOW! January 19th and 20th at the Sarasota Exhibition hall, 801 North Tamiami Trail. (U.S. 41). This will be a great opportunity to meet all those old ham buddies that have retired to Florida, pick up some new ideas and maybe some new or old equipment while enjoying beautiful Sarasota in January. We have lots of things planned for the ladies so bring along the XYL.

Our regular monthly meeting, held on the third Tuesday as usual, starred Brent, WB4IBJ in his own full color, sound movie "Mountain Top DXing in New Guinea". This provided about 45 minutes of Exotic DXing from some very exotic QTHs.

Everybody is still awaiting the arrival of the club ordered RG-213. Seems like right now would be the perfect time for antenna work with the weather the way it has been lately. Hope that coax gets here before the first snow.

See you at the meeting or the Hamfest.

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HARC NEWS
By Dick Totten, WA4CFA

Since the decision was taken by the Hollywood Amateur Radio Club to put a repeater on the air the repeater group has been offered volumes of technical information and advice from Hams in Broward and Dade Counties for which HARC is very grateful. Most of all, HARC cannot find enough words to express their thanks to TV Channel Ten for the generous assistance they have given the project without which the HARC repeater probably would never become a reality.

The HARC November meeting featured a program by Ed Webb, W4FQM, who switched his talk from Civil Defense to Repeaters and gave us the benefit of his wide experience with repeaters and a large amount inside dope on how to avoid some of the pit-falls of repeater construction and operation.

Other business at the November meeting included the nomination of a new slate of Officers for the coming year and a discussion of the HARC Annual Christmas Dinner on Dec. 1st at Valles Restaurant. The December HARC meeting will feature the election of new Officers and a film slide program by Sergeant Mike Basak, Communications Training Supervisor, Broward County Sheriffs Department. A most interesting program showing how Hams and Police agencies can coordinate during emergencies and disasters. Thanks to Sgt. Mike and the BSO.

I cannot finish the year without reminding you the HARC has plenty of QSI, cards left so get yours while they last! 73 es Happy Holidays

BROWARD AMATEUR RADIO CLUB
By Mary L. Crossley, WD4KYP

The Broward Hamfest is over and was a big success. Although we did have some problems in furnishing front door parking for all who attended. The exhibitors that I talked with told me that they had a fine weekend and enjoyed everyone buying all of their goodies. We had 1,200 tickets taken in for the two days. The club made some money too.

The winner of the main prize was 13 year old Peter Sinkowski, KA4LDY, a novice and a Ham for only one month. Look for him on the Novice BAnds with his new Kenwood TS 120

John Gardner, WA4LVA was the winner of the smoked ham, 25.99 lbs. and Steve, WA2NAV 247 lbs. had the honor of being the fresh ham.

I would like to thank everyone who worked on the hamfest first the two Co-Chairmans Harold, KB4KK and Art, WA4YLH and Phyllis, XYL of WA4YLH, also Ray, WD4FCS, Ray Jr., WD4FCR, Bob, WB4TNV, Linda, KA4AAT, Ken, KA4AES, Bill, KB4XE, Don, WD4FEB, Chuck, W4ROA, Ruth, XYL of W4ROA, and all the ticket takers and sellers and all who helped in the club booth. There are just to many to list in the space I have. Thank you to all.

The next regular meeting of the BARC will be held on January 11, 1980.

The BARC Christmas Installation Banquet will be held on December 2, 1979 at the Golden Spike Restaurant, 6000 N. Federal Hwy. in Ft. Lauderdale. This will be the regular club meeting for December. The new officers and directors will be installed as well as the Ham of the Year award being given.

The BARC Swap Net is on at a new time on Monday night on the 146.31/91 WR4ADU Repeater. Cy, W4MAQ will be Net Control starting at 8:00 p.m. every Monday night.

FLORIDORA YLS
By Cathy Soehl, W4BAV/ARNS

KA4AYK, Carol and OM, KA4AYD, Don were away when "David" hit Jensen Beach. Rushing home, found their screened room, added to the trailer, was "totalled", with quite a few possessions ruined. Sorry Carol, but glad you all safe.

Our heaart felt sympathy to K4HSC, Meg, our Net Manager, in the loss of her OM, Gordon. Take care, Meg, you are in our prayers.

WD4EWD, Sarah made a trip to Georgia, to care for her 30-month old grandson, while daughter, Marlyn underwent a major operation. Sarah glad to get home and daughter doing O.K.

WB4AUR, Thelma and OM, K4KQ, Chuck attended the F.O.C. dinner in London and enjoyed the usual tours, but glad to get home and recuperating from "jet lag". Welcome home, folks.

(Sorry ran out of space.)

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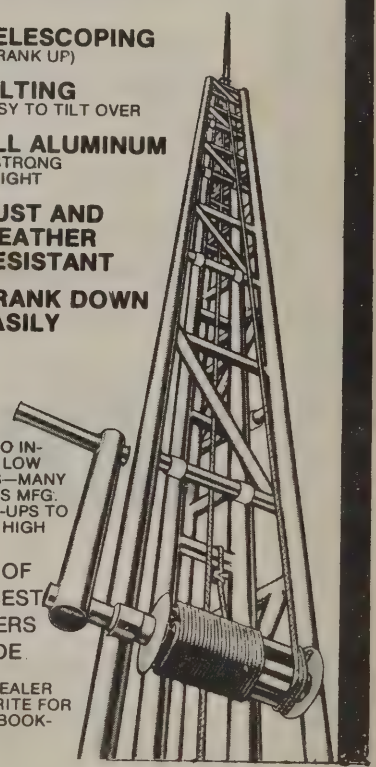

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ESTATE SALE K4EGD: E-Z Way RBS 40 fold-over tower with gnd-post ready to go $400. Hy-Gain TA-33 Sr. with balun $100. Ham-M rotator and control $70. Hy-Gain 10-80 trapped vertical ant. $30. Yaesu FT-101 transceiver with Mainliner spkr/patch $400. Heath SB-200 linear $250. RG8U coax, misc. Cash and carry. Ray Williams K4DLM, 2200 W. River Dr., Margate, FL 33063 305 972-4354.

FOR SALE: Transceiver, Swan 100MX solid state new $495. ICOM IC-402, 432SB new $279. Yaesu FT-301AD solid state supply, c.w. filter, like new $695. Looking for ICOM IC502 plus 6 meter linear Kw plus 70 CM linear Kw. Geo Dawson WA4OWC, 3313 Sherwood Blvd., Delray Beach, FL 33445 305 498-3535.

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FOR SALE: SCOPE by Heath IO-102, solid state, excellent $80.00. Yaesu YO-301 monitor scope, new $200. Joe Darmento W4SXK, Rt. 3 Box 930, Merritt Island, FL 32952 305 77-0796.

FOR SALE: Motorola HT-220, 2 watts 94/94 19/79 22/82 16/76, touch tone Universal remote mike and ext. so ant output jack, rapid charger with manual $300. David R. Spiller AE4J, 1869 SW 28th Av. Ft. Lauderdale, FL 33312 305 791-8632.

SALE: YEASU FTDX-400 80-10 transceiver, 250 watts output, xtal calib, speaker, SSB, c.w. and AM receives CB $240. 3 Element Hy-Gain tri-band beam 20-10 $10. Gonset G-50 6-meter transceiver $40. Pete Kovi W4ZRP, 10305 NW 5 St., Plantation, FL 33324 305 473-1431.

FOR SALE: Fixed tuned receivers, 118 to 152 Mhz, 115 v.a.c, with speaker output, can be operated remote control, Wilcox 606A with manual $50. FAA model RV fixed receiver 118 to 152 Mhz, 115v. a.c. Cost Govt 7 bills, beautifully built $75. FAA model TV-28, 65 W. AM, 118-152 MHz transmitter with blower, manual, with all power supplies, standard 19 inch rack mount. Can convert to FM or 80W FM amp, all for $70. FAA UHF rcvr 200-450 MHz, fixed tune, 115 V.a.c. with manual, one left $38. All fob. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: Heathkit HW-202 $150. Regency HR-6, 6 meter FM $150., 2 meter mobile antenna $15. Dave Neubauer K4FRQ, Rt. 2 Box 5760, Port Richey, FL 33568 813 868-6372.

SELL: Comcraft CST-50 FM transceiver. Two bands 2 meters and 1 1/4 meters. 5 Hz steps - any repeater split. Extended coverage-MARS-CAP-Etc. 25 watts out both bands. See June 1976 HAM RADIO full page ad. Perfect condition. Never mobile with book & box cost $870. sell for $450. Casey Jones K4YOX, 1400 Berwyn Rd., Orlando, FL 32806 305 894-0547 afternoons.

ESTATE SALE: SB-102, power supply, speaker, mike, counter (SB-650) $400. Manuals., SB-610 monitor scope, manual $75. HO-10 monitor scope manual $25. R-392 receiver, power supply, speaker, TTY converter, manual $160. ST-5 TTY converter with autostart $35. CV-57 and 89 TTY demodulators with a.c. power, manuals, each $60. d.c. 5-12 volt, 6 amp, 24 volt a.c. power supply $30. Eico No. 255 RMS, volts DEcibels Meter -60-plus 50db. 1 microvolt - 300 volts manual $15. Blonder Tongue single channel amplifiers 88-108 megs 51 db gain $15. HM-102 power meter, measure output and SWR, manual $25. GE 6 meter recvr, a.c. cabinet $25. Xmtr strip, same $15. Ge mobile transevr, single chnl 30 watts with a.c. $ 40. GE mobile transcvr, needs supply, for parts $20. Clegg FM-21 220 MHz transcvr no power $25. Ameco PT2 RF preamp 6-160 meters $45.Precision 98 VTVM, complete set probes, manual $30. Harry Evans W4OFI, 10006 NW 81 Ct., Tamarac, FL 33321 305 721-2349.

FOR SALE: Set of four, like new 572B tubes. Universal coax ratiometer SWR bridge. Collins MM1 mobile microphone. Eico dynamic conductance tube and transistor checker. Several VOMs. Ham M control box with front panel control modification. 23 channel CB and magnetic mount antenna. Marine 2 MHz AM radio and antenna. 35 W. Pa. amplifier and Shure model 55 professional microphone. All in like new condition. No reasonable offer refused. Saul Cohen, K4ACJ, 4524 Michigan Ave., Miami Beach, FL 33140 305 531-9782.

COAX - HARD LINE 50 ohm, 1" alumn. very low loss to 200MHz. only .40 cents per foot. You pick up only! Have about 300 feet left. LAPP insulators 5" .80 ea., 9½" $1. ea., 11¼" $1.25 each. Best money can buy & will last forever with care. TA-33 Jr. with 50 ft. 52 Ohm with connectors, works great, presently up, no ship only $75. HEATH 2-way hi-fi enclouser $15. Astatic D-104C, with grey push to talk stand, $30. Andy Clark W4IYT, 41 lenape Dr. Miami Springs, FL 33166 305 888-3874.

FOR SALE: Tempo one with a.c. supply, spare new tubes, cooling fan, manual and original shipping cartons. This is a late model (black face) in mint condition, a real DXer $400. Max Weiman, K4JHI, 725 SW 11th Ave., Hallandale, FL 33009 305 454-2614.

STOLDEN EQUIPMENT' BE ON THE LOOK OUT FOR A YEASU 227-R, S/N 8L130230. Reward. Mike Raskin K4KUZ, 561 W. Tropical Way, Plantation, FL 33317.....

FOR SALE: Commercial built "foot switch" by General Control Co. Has heavy duty d.p.dt. switch. Perfect for contest, F.D., operators work shop projects, dark room work etc. some with cords $5.50 each. A. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. FOB

FOR SALE: CUSHCRAFT "BOOMER" 2 meter 19 element beam, never used, with 70 ft. coax $60. Electronic Research Corp. audio filter, model SL-56 $50. Dentron big Dummy $20. Ringo Ranger $24. Mike Raskin, 561 W. Tropical Way, Plantation, FL 33317.

WANTED: For loan to school amateur radio club – a H.F. rig in working condition, contact: Al Wolfe WB4DYU, 12956 SW 50th St., Miami, FL 33175 305 552-0881.

WANTED: 40 ft. tower, crank-up, tilt-over, used and located in Miami area. Also 3 element Yagi, if less than five years old.FOR SALE – Heathkit four volume self instruction course (a.c. d.c., semi=cond. and electronic circuits) including 8 cassettes and fully assembled electronic design experimentor. New, total cost to me was $380. never used, will sell for $225. complete. S. Goldman KA4JOZ, 2320 N.E. 175th St., North Miami Beach, FL 33160 305 940-1854.

FOR SALE: MIDLAND 2 meter handie-talkie, 6 chnl, loaded, 2 to 3 watts out, excellent condition $145. Included free, one rubber & one whip antenna, built in touchtone pad, manual, case, heavy duty battery pack (Nicad), extra battery holder, charger & built-in battery condition meter. Extra features: external mike plug and jacks for external power, speaker and antenna. Dont miss this excellent deal, cash only. Alan Wolfe WB4DYU, 12956 SW 50th St., Miami, FL 33175 305 552-0881.

WANTED: 2 knobs plate and tuning for KWS-1 transmitter. PLEASE! Ralph Hough, P.O. Box 595, Port Salerno, FL 33492.

COLLINS STATION. 75S3B with DD1C digital readout, 500 cycle CW filter. This rcvr has been updated by Collins technichans, covering all modifications thru 1978. 32S3 with DX Engr. speech processor also has 455 Khz Xtal in CW keying circuit for exact freq. zero. This unit just updated and serviced by Collins techs. Aug. 1979. 516-F2 power supply. 312B4 station control. All units in very very fine condition. $1495. Price can be reduced by eliminating 312B4, DD1C, DX Procesor, call for price.

NOTICE NOTICE NOTICE. Your 1979 FLORIDA QSO Party chairman will be Ron Toller W4MNZ of Garland Pary, Florida (Near Ft. Lauderdale.) Ron will have finalized date and updated rules shortly. Watch COMING EVENTS for date.

Confidence is the feeling you get sometimes have before you fully understand the situation. . . . . .

SELL: RHON 25G, 50 ft. tower $300. You take down. FT-101-F-xtal filter $550. 80 thru 10 Johnson Thunderbolt linear, spare 4-400's - 100 percent duty cycle $300. U pick-up only. CDE III rotator, never used with 100 ft. cable $115. with tower mount. Cushcraft 2 meter beam in box $40. Pick up, or you ship. Collins 32S1 with power supply $300. 75S1, $250. Senica 2&6 meter $25. Misc. items too numerous to mention. Shipping costs paid by buyer. Richard Raustad, W4FBS, 131 Peppertree Dr., Orlando, FL 32807 305 273-9174.

WILL SWAP MFJ (00 antenna tuner for phone patch. Heathkit or equivalent. Dr. Blair Madsen W4KXP, 5800 SW 36th Terr., Ft. Lauderdale, FL 33024 305 981-4226.

SHIPBOARD TYPE RADIO RECEIVERS. WW2 vintage, 110 volts, coverage 90 kHz to 24 MHz, superhetrodyne, manufacturer Scott Radio Labs, Chicago. Excellent for up-grading code speed. Several Navy types such as RCH. All working and good apperance. Large and heavy. Best offer over $50. Frank Shannon K4GT, 140 Bosphorus Ave., Tampa, FL 33606 813 251-5386 or 256-8514.

WANTED: Novice starting out needs a VFO to be used with a Drake 2-NT. A HG-10B or one with a 5 r.f. volt output. David F. Bason, 6340 SW 39 Ct., Davie, FL 33314 305 581-9016.

FOR SALE: FINCO A-62, 6 and 2 meter beam, brand new $35.00 GE Progress Line, a.c. supplys for xmtr and rcvr strips $20. each. Gary Bernstein WB4YQR, 2751 SW 82nd Ct., Miami, FL 33155 305 266-5176 after 6 p.m.

SELLING: ATLAS 210X with N.B. $435. With 220CS d.c. supply and speaker $498. Heathkit linear SB-230, 80-10 meters $325. At these prices you pay one-half UPS. Herb Ostrom K4OO, 845 NE 72 St., Boca Raton, FL 33431 305 391-2320.

FOR SALE: DRAKE TR3 transceiver with MS3/AC3 power supply-speaker, Drake phone patch and manuals $350. L. E. Campbell W4-LTR, Rt. 1 Box L-35, Sarasota, FL 33583 813 921-5127.

ATTENTION DADE & BROWARD AMATEURS. December 1 and 2. Super yard/patio sale. K4KQ cleaning out the attic! No state of the art stuff. All goodies that you can build, repair or modify without using magnifiers. Better than hamfest flea market prices! Bring the station wagon, green stamps and the XYL -- WB4AUR says she has some garage sale type of items which must go! Chuck and Thelma Bolvin, 2210 S.W. 27th Lane, Miami.

FOR SALE: DRAKE TR3, AC4, MS4 $295. Kenwood TR2200A $145. HT-18 Hy-Tower 10/160 $125 KLM144/148 - 16 ele. new $50. KLM 144/148 - 50 balun $15. Kenwood TS700SP $495. Kenwood TR7625 $329. Charlie Fowkes WB4BOM, 4903 - 29th Ave. West, Bradenton, FL 33505 813 792-4049.

FOR SALE: SWAN FM1210A Xcvr 2 meters, includes a.c. supply, mike and trunk mount, Mosley whip. Has most xtals for South FL repeaters $110. R. C. Patterson K4FSN, 1611 NW 115th Ave., Pembroke Pines, FL 33026 305 431-2142.

FOR SALE: REALISTIC DX-150A solid state general coverage receiver, req. 535 kHz to 30 MHz, mode AM, SSB, CW, mint condx. $85. Bill Fanning WB4SNK, 2710 Sunny Brook Rd., Jacksonville, FL 32216.

FOR SALE: Heathkit SB-102 Xcvr with HP-23A supply and SB600 speaker $300. GSB-201 linear amp, 1000 watts $200. Heath "Z" bridge IB-1B $15. Heath AF-1, audio meter $15. Heath IM-1, Intermod ana. $15. B&K960 trans. radio anal and power supply $50.00. Knight KG-221 VHF rcvr, 150-172 MHz $25. Hickok 6C00A Tube tester $60. Mike Adams WA4EJV, Rte. 4 Box 764, Panama City, FL 32405 904 785-7824.

SELL: DRAKE TR4-NB, AC4, RV4 $455. Collins 75A4, speaker and 4 filters $340. 32V2, all very good or better. Ray Clark WA4EMV, 1528 E. Golfview Dr., Citrus Spring, FL 32630 904 489-5717.

WANTED: TEN-TEC 207 ammeter in working shape. Call collect 813-349-4851. Tom Mosby W4VBW, 3428 Flamingo Ave., Sarasota, FL 33581.

SELL: Model 28 ASR TTY, needs motor $175. Also have extra cabinet for 28 ASR, free with mach or $25. Mod. 35 ASR TTY keyboard and base with perf. Early model to fit 28 type cabinet $150. Sony 630 portable tape recorder $150. Jim Kelly, K4YBB, P.O.Box 309, Okahumpka, FL 32762.

WANTED: Kenwood TS-120S, ICOM-RM2, Alpha-374, Nye/Viking MB-II, ICOM-211. TRADE-SELL: SB220 mint $475. Drake R4, TS-820S. Bob Phorence N8RT, 9600 Kickapoo Pass, Streetsboro, OH 44240.

FOR SALE: WEBCOR reel-to-reel tape recorder model EP-2204-1A 7" or 5" reels, 2 speeds, 115 v.a.c. clean Good for code practice tapes, QSO recordings, with book $28. Heath Balun box B-1, 300 ohm to 52 ohm or 52 to 300 ohms $6. Swan model 14A, 12-14 VDC converter, brand new, still in box $36. Telephonics Corp, 500 ohm earphones, good condition $6. Trimm Feather - weight 500 ohm earphones, good condition $7. Lafayette HA-52 FM communications receiver, 150 to 175 MHz, excellent with manual -- could be readjusted to 145 up..$45. Realtone stereo Multiplex AM-FM receiver, good condx with book $25. Juliette AM-FM Clock radio, very clean, works good $12. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

N O T I C E.... When sending in HAMBARS, always give YOUR CALL SIGN. We have had reports of non-amateurs selling stolden amateur equipment via this column. Also give full mailing address ZIP and phone numbers.....Thanks, Editor.

FOR SALE: MOSLEY TA-33 classic beam $125. Hy-Gain 402-BA forty meter beam $100. Hy-Gain 10 meter quad $35. 2-top sections of Rohn 25 tower $25. each. 1 rotor plate for TA above $8. All of the items like new. George Reaves KB4WL, 206 Roper Drive, Winter Garden, FL 32787 305 656-4264.

AMATEUR CLUB EDITORS, etc: Make bulletin mailing easier! ! ! Have a small (12" X 9) Addressograph Multigraph address machine model 30, hand operated, new condition with Multigraph 6-drawer cabinet (max 1200 plates) all for only $90.00 -- a $400. value. A. Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. You pay ship or pick up.

FOR SALE: VHF DXers delight! This radio has worked 50 states & 30 countries on 6 meters. Swan 250C, VOX/NB, with SB500 2 M. transverter $425. Heathkit HW-101, 80-10M, 400 hz filter, mike & and HP23B AC supply. $375. Midland 13-510 2 meter synthesized transceiver, 144-148 Mhz 25W/1W $250. 12V/6A power supply regulated, w/current and voltage metered $40. 2 meter coaxial antenna $15. Hallicrafters OPS/TS-20 VHF low power dummy load and wattmeter $15. Hy-Gain 204BA 4 element 20 meter beam $65. KE Electronics Memo-512 keyer with 2 256 fit memories $45. Heathkit IM-18 VTVM $20. EICO 147A Signal tracer $20. Homebrew Resistance Bridge $10. Midland VOM $5. Fred Perkins K4LQ, 3360 Jackson Blvd., Ft. Lauderdale, FL 33312 305-792-8178.

ICOM-701 International user's Club. Details S.A.S.E. Robert Pohorence N8RT, 9600 Kickapoo Pass , Streetsboro. OH 44240.

RAY'S AMATEUR RADIO

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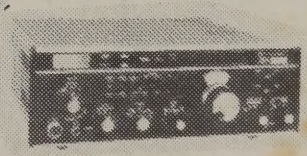
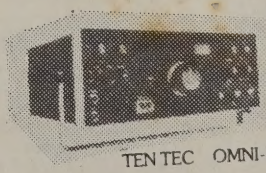
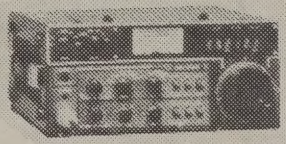


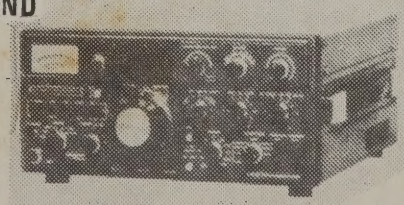
DRAKE TR-7/DR-7
PS-7



TEN TEC OMNI-D



ICOM IC 701S, 160 thru 10M



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SALE: YAESU FT-301, 200 watt solid state, c.w. filter, power supply and speaker, etc, mint $560. Cecil Lloyd WB4VXZ, 2626 Norfolk Road, Orlando, FL 32803 305 896-3038.

MINT SB-200 with 10 meters $330. Heath 10-4560 5 Meg scope $115. Collins filter F455 FA 05 6726 $75. Rohn 25/48 tilt over tower $350. Will discuss trades. C. Decker WB4TPC, 825 NW 116 Terr., Plantation, FL 33325 305 472-1931.

FOR SALE: Kenwood TS820 with YG88C filter, VFO820, SP820 and MC50 mike. Telrex TB5EM. Aluma Tower T50H. CDE Ham III. Heathkit HN31 cantenna and HD-1410 electronic keyer. Nye Viking Masterkey. B&W 376 antenna switch. QTR24 Yaesu headset. Swan WM2000 wattmeter. National NC-198D receiver. Bob Bowman KA4-HXR, P.O. Box 1212, Brandon, FL 33511 813 685-2757.

SELL: ROBOT 70 A monitor. Mint condition orignal box, manual and cords $145. Replaced with a Robot 400. Will ship. Bob Sutter W3SOB, Rt. 1 Box 173, Maitland, FL 32751 305 678-3070.

FREE ABOUT 20 years QSTs. You pick up. Howard Olson, K4-LB, 15400 SW 84th Court., Miami, FL 33157 305 238-9948.

FOR SALE: GOTHAM 3-element, 15 meter assembled beam, never used $45. Heavy duty radio shack telescoping 36 ft mast $35. Bill Ambrose W4QV, 6840 SW 8th St., Miami, FL 33145 305 261-3928.

FOR SALE: Complete radio station with a 41 ft. tilt-over E-Z Way tower, Mosley CL-33 beam, all cables & manuals. Herbert M. Woodard WB4PHI, 1829 Welland Dr., Clearwater, FL 33516 813 581-7378.

FOR SALE: TEMPO S-1 handie talkie with TT-pad, battery pack & charger, 2 antennas. All new. Bought at Ft. Lauderdale hamfest Oct. 79. $350. or best offer. Tom King WB4ILH, 5806 Keith Rd., Jupiter, FL 33458 305 746-7589.

FOR SALE: Heath SB-101 transceiver with HP-23A supply and extra VFO $370. Regency HR-2B, 2 meter transceiver, 10 crystaled channels $125. Heath I-1101, 100 MHz frequency counter $85.00. All with manuals and in good condition. Jim Cunningham K4DEE, 1045 Fairway Dr., Winter Park, FL 32792 305 678-2942.

TWO METER voice pager with charger $85. December only. RG8U foam 80% shield $13.95/100 ft., RG213, 100% shield mils-specs non-contaminating .28/ft. RG8U mil specs Polyethelyne 95% shield .23/ft., 300 ohm heavy duty foam twinlead .05/ft, 8 conductor rotor cable 2-18ga., 6-22ga. .17/ft. Shipping $2/100. Fla. res. add 4 per cent, COD add $1.00. FREE CATALOG. NEMAL ELECTRONICS, 5685 SW 80th St., Miami, FL 33143 305 661-5534. Pick-up by appointment please!

FOR SALE: Control unit only for C—D-44 antenna rotor $15 Rare Navigator model, ideal for DX-24 $100. Robert Hertzberg K4JBI, 1068 SW 13th Place, Boca Raton, FL 33432 305 391-1659.

FOR SALE: Phonemate telephone answering machine with remote - mate attachment and beeper. In excellent condition $99. for both delivered. Marty Shapiro WA3IFQ, 1138 Boxwood Rd., Jenkintown, PA 19046.

FOR SALE: HRT-2 HT 94-52-16-76-01-61-855-255 cigarette plub, power cord, external mike, rubber ducky, 19 inch whip, leather case, desk charger TT-pad. Geo Hawkins WA4YWA. 144 Melanie La., Mount Dora, FL 32757 904 383-4444.

FOR SALE: UT-4B, dual crystal clock, power supply, cabinet lettered, wired by professional, $250. Autek QF-1 filter $40. Bill Ross W4MSI, 2990 Alton Dr., St. Petersburg Beach, FL 813-360-8501.

FOR SALE: YAESU FT-101B Xcvr, all xtals, AM filter, FV-101B VFO $570. Regency HRT-2 5 channels, 2 batteries and charger all $125. WANTED: Heath scan-analyzer SB-620 – trade HRT-2 or buy. Tom Smith WB4RGQ, 25 South Halifax, Daytona Beach, FL 32018 904-252-2906 after 6 pm.

FOR SALE: TS-2200A 2 meter transceiver 7 sets xtals, with case, power cord and charger $125. CES 230A Micropad $25. A MECO code practice oscillator model OCM complete with straight key $10. Clip on speaker $3.00 Standard model C118 HT (new) with 4 crystalls, charger, belt clip, and power cord. $169. Ernie Sailor K4HXP 1700 Spruce Ave., Winter Park, FL 32789 305 647-3035.

SELL: LOW operating hours. Kenwood TS-820S, service and operation manuals $795. Heath engine analyzer, CM-1050, $55. Winegard 82 channel TV amplifier DA-825 $25. All items FOB. F. S. Mccullough W4WWH, Rt. A2 Box 236, Dunnellon, FL 32630.

DRLL: Heathkit SB-401, SB-303 $450. 40 ft. crank-up tower $75. TA33 SR with Hy-Gain balun $75. 10 ft. Rohn 25G $25. Heath HD-1982 micoder $25. All in excellent condition. Rudy Scheffer, WB4YTZ, 2255 Glen Dr., Safety Harbor, FL 33572 813 726-8375.

STOLEN EQUIPMENT: KDK-2016A Ser. No. 4559 with special modification. Ernie Feist WA4CCP, 245 NW 119 St., Miami, FL 33168 305 681-5569.

FOR SALE: TEN-TEC Triton IV, 20 amp blower equipped power supply, EV mike all $450. Al Inocco WA4JBQ, 777 SW 6 St., Ft. Lauderdale, FL 33315 305 763-7777.

FOR SALE: Control unit only for CD-44 antenna rotor $15. Robert Hertzberg, K4JBI, 1068 SW 13th Pl., Boca Raton, FL 33432 305 391-1659.

DX-Peditioners, K4BKK & K4HEM operating from PJ7-land, St. Marrten Island, July 11-15. QSLs to HEM. Have you listened to 10 meters on week ends lately? DX is great!!!

SELLING OUT FOR COLLEGE! ! Antennas, new H-Gain, 402BA with stainless steel hardware $125. Cubex 2 el. triband quad with 3-100 foot tuned coax feedlines $90. Ham II rotor and 100 feet cable $75. Sky Needle type 40 ft tubular galvanized tower, crank-up and tilt over, will handle a large array $400. Heathkits: SB303 receiver plus c.w. and a.m. filters, ming $175. HW-8 QRPer, mint $85. IM-5228 test bench model VTVM, mint $45. Model TT-1 mutual conductance tube tester (professional bench model) mint $75 Omega-T antenna noise bridge mod. TE-7-01 $20. Ham Key model HK-5A electronic keyer costs $75. mint used 2 hours $50. TEI professional transistor checker costs $75., brand new $45. All equipment is in excellent shape and is with manuals. Prices may be negotiable!! Steve Chamberlain AI4R, 560 Ketch Dr., Naples, FL 339-40 813 261-0097.

ANYONE having difficult time learning code and operating CW? ? Like new Visual Decoders and electronic typewriter keyboard, Pickering 230-D Morse Decoder $1500. Pickering KB-1 electronic Keyboard Keyer $140. Atronics CR-101 code readers $65. with manuals and instructions. Collins 51S1F $2050, 55G1 $325, 30L1 $995, 32S3A/516F2 $1775. 312E4 $425. All round emblem, immaculate with manuals. TWO Hy-Gain HT-18 10-80 meter verticals antennas $195 each (harness for phasing available. Two Murch Ultimate Transmatch UT-2000A $125. each. Dentron Antenna tuner 3000A $230. KLM multi-2700 144 MHz transceiver $575. KLM PA-10-140BL linear amplifier $175. VISTA 120 VAC/13.8 VDC power supply for above $136. Excellent condition with manuals. Ralph Thomas W2UK, 9 Emmons Ave., Farmingdale, NJ 07727 201 - 938-5623.

FOR SALE: YAESU FT-101E for sale with matching patch/spker ac-dc - 1.8 kc SSB filter included, 31 mts receiving xtal. Also FL-2100B linear with 10 mts operating manuals and factory boxes included. Excellent condition and price. Cash only or wire cash for out-of-town buyers. You pay shipping. Ruben Gordon LU8AAW/W4, 1155 N.E. 137th St., North Miami, FL 33169 305 891-5884.

FOR SALE: 40 Ft. Aluma Tower, crank-up, tilt-over, like new condition $325. PDL-2 quad converted to 10 meters, new wire and hardware $50. Bob Martin WD4BBY, 1531 North "N" St., Lake Worth, FL 33460 305 585-1832.

FOR SALE: "HORNET" tri-band beam, excellent condition, also extra set of traps, all for $45. Dave Narrow K4AG, 1120 SW 13 Av Miami, FL 33135 305 858-6186.

FOUND ONE: Our 1980 FLORIDA QSO PARTY CHAIRMAN will be Ron Toller W4MNZ, 830 NE 35th St., Oakland Park, FL 33334. Co-Chairman will be Al Page, WA4ZEV, 675 NW 195th Terr., Miami. Exact contest date to be announced later. Thanks Ron and Al.

TELETYPE KITS: ST-5X TERMINAL UNIT/AFSK/POWER SUPPLY WRU. RTTY SCOPE AMPLIFIER. For details: Bomark, Inc., Box 7116, Hollywood, FL 33021, 305 962-7219.

TRANSFORMERS REWOUND! ! Jess Price, W4CLJ, 507 Raehn St., Orlando, FL 32806 Phone 305 425-7251.

FOR SALE: Hallicrafters HT-32A trans. HT-33A amplifier, SX-115 Receiver, 3 element tri-bander beam—make offer. Gerald L. Chassman, K4HPC, 55 Bluebird Dr., Dade City, FL 335 5 904 567-8712.

FOR SALE: SWAN 350 transceiver and matching Swan ac supply, 10 thru 80 meters, lots of extras include low-pass filter, SST matching tuner, a field strength meter and SWR bridge. Will also include a handbook from ARRL and a 250 Wein soldering gun. This set has a muffin fan installed. All for only $350. The only reason I'm going QRT is personal, since having a stroke. I find it hard to tune the set, otherwise I have a display of QSL cards from Brazil, Nova Scotia, etc. and coast to coast. Other goodies to tempt you with professional code key and practice variable pitch oscillator ran by single C battery. Dave Michaels, WB4OHH, 5300 Washington St., Hollywood, FL 33021 305 987-6864.